



REGISTERED AS A NEWSPAPER

TELEPHONE: CENTRAL 6565
TELEGRAMS: "CHEMICUS,
ESTRAND, LONDON" (2 words)

PUBLISHED WEEKLY AT 28 ESSEX ST., STRAND, LONDON, W.C.2

SUBSCRIPTION (WITH
DIARY) 20/- PER ANNUM
SINGLE COPIES 9d.

No. 2674.

MAY 9, 1931.

Vol. CXIV.

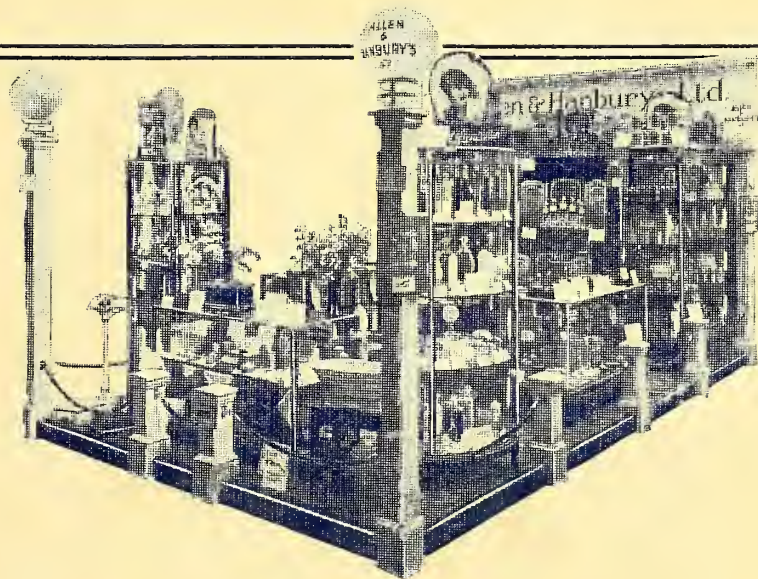


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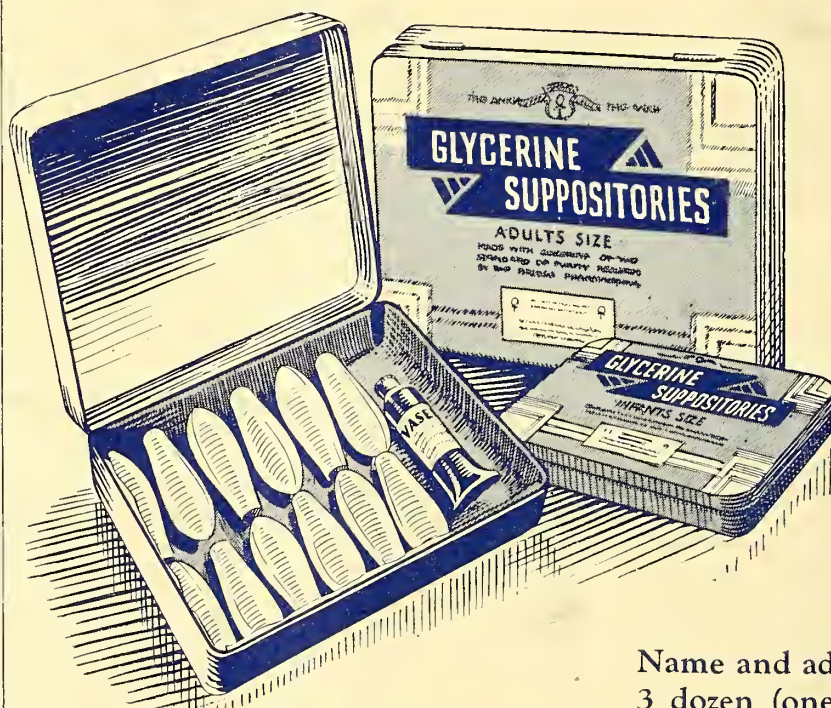
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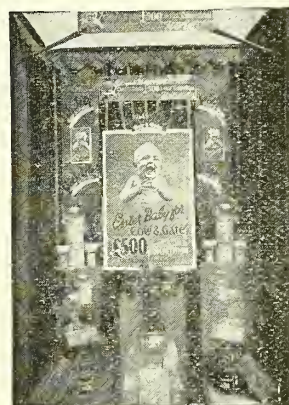
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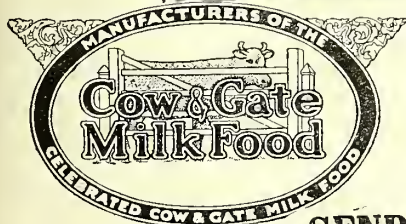
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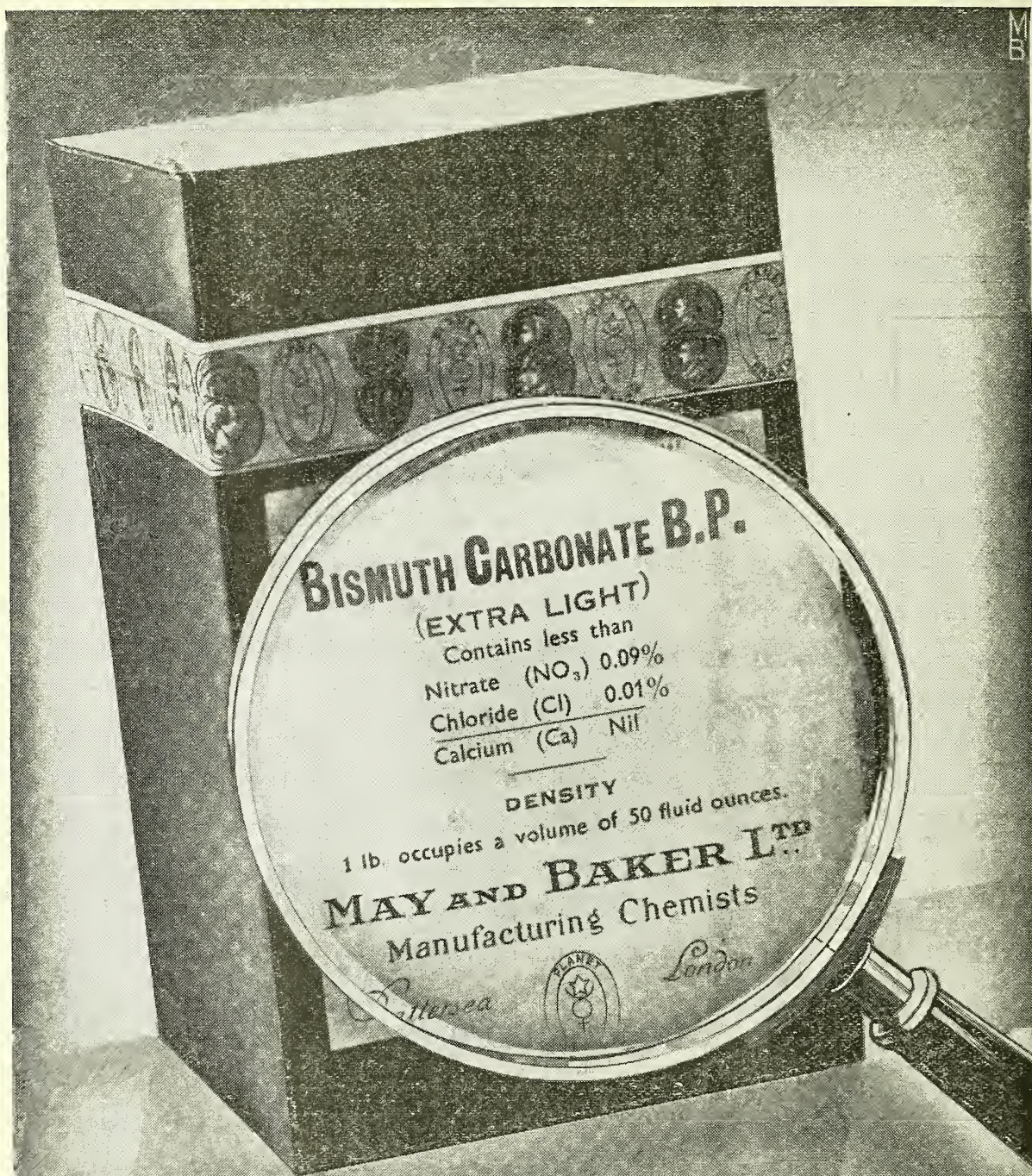
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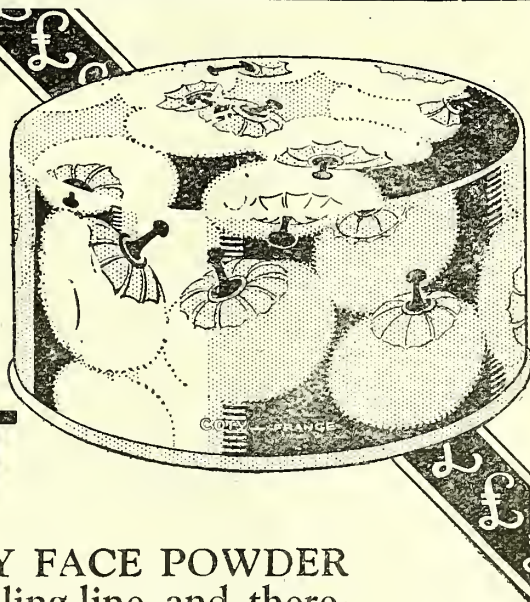
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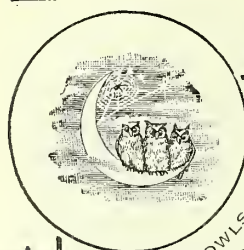
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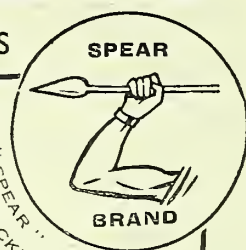


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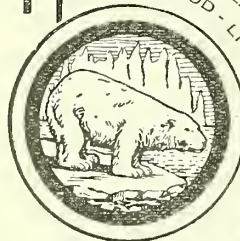
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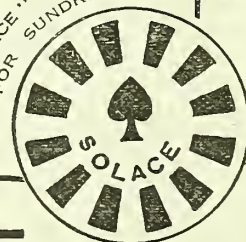
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INDEX TO ADVERTISERS

Allan Manfg. Co., Ltd. (Daylight Signs)	26	Burgoyne, Burbidges & Co., Ltd. (Chemists' Exhibition)	xi	Farmer, Leopold, & Sons (Building Lots)	26
Allen & Hanburys, Ltd. (Chemists' Exhibition)	Cover	Burrough, J., Ltd. (Alcohol) Leader Page		Fennings, A. (Children's Cooling Powders)	Leader Page
Amo Safety Razor Blade Co., Ltd. (Shaving Cream)	20	Burroughs Wellcome & Co. (Photographic Exposure Calculator)	31	Pink, F., & Co. (Gums)	xxvi
Arnott, J., & Sons, Ltd. (Petroleum Jelly, &c.)	xxiii	Burt, Boulton & Haywood, Ltd. (Premier Mill)	27	Fox, Francis F., & Co., Ltd. (Oils)	xxi
Association of Manfg. Chemists, Ltd. Col. Supp.		Caldicot Tin Stamping Works, Ltd. (Decorated Tins)	xxiv	Frenamine Laboratories	xv
Automatic Machine Co., Ltd. (Roll Film Machines)	xx	Cellophane Co., Ltd. (Wrapping Material)	xxiv	Gardiner & Co. (The Scotch House), Ltd. (Overalls)	xvi
Ayrton, Saunders & Co., Ltd. (Wholesale Druggists)	15	Chemical Works formerly Sandoz (Atropine, &c.)	vi	Gardner, W., & Sons (Glos.), Ltd. (Machinery)	xxii
Bailey, R., & Son, Ltd. ("Steraid" Dressings)	xvi	Christy, T., & Co. (Cachet Machines)	xxvi	Gem Automatic Weighing Machine Co., Ltd.	27
Barker, R. W., & Co. (Patent Agents)	Leader Page	Clayton Aniline Co., Ltd. (Pharm. Specialities)	ii	General Optical Co. (Anti-Glare Spectacles)	24
Beattie, Hunter (H.B.T. Toilet Soap, &c.)	Cover	Coates & Cooper, Ltd. (Lacto-Dextrin)	xiv	Genoxide, Ltd. (Hydrogen Peroxide)	viii
Beecham-Veno Central Distributing Depot	ix	Constipon Tablets	x	George, Ernest J. (Valuer, &c.) Col. Supp.	
Bell, John, Hills & Lucas, Ltd. (Pharm. Preps.)	Leader Page	Continental Laboratories, Ltd. (Taxol)	viii	Gladys Cooper Beauty Preparations (London), Ltd. (Price Reductions) ..	18
Bergue & Co., Ltd. (Bergue's Balsam)	iv	Cooper, McDougall & Robertson, Ltd. (Katakilla)	Leader Page	Gollin & Co. Pty., Ltd. (Aspro)	xiii
Berdoe & Fish (Valuers, &c.) Col. Supp.		Cooper, Son & Co., Ltd. (Cachets) ..	xv	Gower, John (Books)	Col. Supp.
Berton, Arthur, Ltd. (Sponge Bags, &c.)	xviii	Coty (England), Ltd. (Toilet Preps.) ..	3	Griffin & Tatlock, Ltd. (Colton Pharmaceutical Machinery)	xxii
Blackie, R. (Toilet Preps.)	16	County Perfumery Co. (Brylcreem) ..	17	Grout & Co., Ltd. (Crêpe Bandages) ..	xix
Blythe, W., & Co., Ltd. (Chemicals) ..	iii	Cow & Gate, Ltd. (Photographic Competition)	1	Hackett, S. E. (Film Overstocks) Col. Supp.	
Bob Martin, Ltd. (Dog Preparations) ..	28	Cuxson, Gerrard & Co., Ltd. (Regulol)	xxvi	Hampshire, F. W., & Co. (1927), Ltd. (Snowfire Cream, &c.)	27-xi
Boots Pure Drug Co., Ltd. (Medicinal Products)	v	Danto Rogeat & Cie (Enamelled Iron-ware)	xxii	Harker, C. R., Stagg & Morgan, Ltd. (Petrolax)	vii
Box 174/209 (Agencies, &c.) Col. Supp.		Davidson, J. (Boxes and Cartons) ..	xxiv	Harris, Hart & Co., Ltd. (Glauber Salts, &c.)	ii
Brierley, John (Valuer, &c.) .. Col. Supp.		Demonstration Co. (London), Ltd. ..	xxvi	Henry, Thos. & Wm. (Calcined Magnesia)	xii
British Drug Houses, Ltd. (Salinax) ..	Cover	Duchess Razor Co. (Razors for Ladies) ..	16	Heward, R. H., Co. (Elastic Trusses, &c.)	xviii
British Industrial Gases, Ltd. (Oxygen)	iv	Dudley & Co., Ltd. (Toothbrush Display Sets)	xx	Hewlett, C. J., & Son, Ltd. (Anti-septic Cream)	xii
Brown, Geo. (D. & P. Service)	30	Edge, Wm., & Sons, Ltd. (Drummer Dyes)	xvi		
		Eueryl, Ltd. (Dentifrices)	20		
		Evans Sons Lescher & Webb, Ltd. (Bismuth Carb.)	13		

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INDEX—cont.

Himrod Manfg. Co., Ltd. (Asthma Cure)	xi	Newball & Mason (Extract of Herbs) xiv	Sharpe & Dohme, Ltd. (Hexylresorcinol Solution)	xii
Hirst, Brooke & Hirst, Ltd. (Manufacturing Chemists)	4	Norwegian Cod Liver Oil	Simpkin, A. L., & Co., Ltd. (Chemists' Confectionery)	vi
Ilford, Ltd. (Selo Films)	25	Oldfield, Pattinson & Co. (Pharm. Preps.)	Simpson, W. (Optical Tuition)	24
Johnson & Sons Mfg. Chemists, Ltd. (Lysol)	iii	Oppenheimer, Son & Co., Ltd. (Roboleine, &c.)	Smith, Lewis (Dog Medicines)	xxvi
Josephs, Philip, & Sons, Ltd. (Shop-fittings)	Col. Supp.	Orridge & Co. (Valuers, &c.) ..	Smith, T. & H., Ltd. (Alkaloids) ..	iv
Kay Bros., Ltd. (Fly Catchers)	5	Packs (1925), Ltd. (Cartons, &c.) ..	Smith, T. J., & Nephew, Ltd. (Blastoplast)	Leader Page
Kaydor, Ltd. (Morfi Rubler Products) xxvi		Parfumerie de Fleury (Toilet Preps, &c.)	Solazzi (Liquorice)	ii
Kent, G. B., & Sons, Ltd. (Brushes) 18		Pears, A. & F., Ltd. (Pears Soap Competition)	Solport Bros., Ltd. (Watersprite Face Cloths)	xix
Kof-oh Co., Ltd. (Corn Cure, &c.) ..	x	Pharmaceutical Supplies, Ltd. ("Sans-Gene," &c.)	Speer, W. R., & Son (Toothbrushes) 18	
Kotex, Ltd. (Sanitary Towels)	xvii	Pitman, Sir Isaac, & Sons, Ltd. (Books)	Stanberts (Advertising Balloons, &c.) xxvi	
Lectra-Ray Products, Ltd. (Electric Combs and Brushes)	21-22	Potter & Clarke, Ltd. (Wholesale Druggists)	Standard Tablet Co. (Snppositories) Cover	
Linad, R. H. L. (Card Indexes)	26	Prideaux's, Ltd. (Dried Milk)	Stemco, Ltd. (Flit)	xxvii
London Capsule Co. ("Adaptocaps") ..	xxi	Prunol Products, Ltd. (Prunol) ..	Stern, H. C. (Geisha Toilet Paper) xxviii	
London College of Pharmacy	24	Raleigh Cycle Co., Ltd. (Carrier Cycles)	Sterns, Ltd. (Oils, Petroleum)	xxiii
Lysol, Ltd. (Marshall's Lysol)	3	Reynolds & Branson, Ltd. (Drugs, Galenicals, &c.)	Superfine Chemicals, Ltd. (Bath Salts)	xxvi
Martin, Bob, Ltd. (Dog Preparations) 28		Riley, J., & Sons, Ltd. (Hypo)	Tateho Laboratories (Hair Preps.) xxvi	
Martindale, W. ("Viodar," &c.)	vii	Robinson & Sons, Ltd. (Mene Towels, &c.)	Thompson & Capper Wholesale, Ltd. (Mothaks)	23
Matthews, D., & Sons (Shopfittings) Col. Supp.		Rodgers, J., & Sons, Ltd. (Scissors) 27	Tolkien, C., & Co., Ltd. (Littles Liver Salt)	6
Matthews Laboratories, Ltd. (Digitalis)	Leader Page	Roura & Forgas (Quicksilver)	Tomlinson, R., & Son (Shopfittings) xxvi	
Maud, F., & Berg, E., Ltd. (Show-cases)	26-Col. Supp.	Rowland, A., & Sons, Ltd. (Macassar Oil)	Town Talk Polish Co. (Polishing Cloths, &c.)	xviii
Maw, S., Son & Sons, Ltd.	11	Rudduck & Co. (Shopfittings) Col. Supp.	United Chemists' Association, Ltd. (Twenty-first Anniversary)	32
May & Baker, Ltd. (Bismuth Carbonate B.P.)	2	Rutherford, J., & Co., Ltd. (Toilet Rolls)	United Indigo & Chemical Co., Ltd. ("Winning Colours" Dyes)	26
Medicus, Ltd. (Harystor)	17	Scott & Turner, Ltd. (Andrews Liver Salt)	Viscose Development Co., Ltd. (Bottle Capping)	xx
Medway Corrugated Paper Co., Ltd. (Corrugated Papers, &c.)	9	Scruton, O., & Co. (Nurse Harvey's Mixture)	Waide, Thos., & Sons, Ltd. (Printers) 12	
Midgley & Parkinson, Ltd. (Yeast Preps.)	xv	Scurr, C. A. (Optical Tuition)	Wanie Distributing Co. (Blades) ..	16
Monsol Distributing Agency (Monsol Dental Cream)	x	Seajoy Co. (Seasickness Remedy) ..	Wilkinson, S. W., & Co. (Ointment Mills)	xxiii
Mundel Cork Products, Ltd.	xxi	Seyfried, J. F., & Sons, Ltd. (Olive Oil)	Wood Bros. Glass Co., Ltd. (Glass-ware)	xxi
Munns Bros., Ltd. (D. & P. Service) xxvi		Shadeine Co. (Hair Dyes)	Wrigley, Paterson & Co., Ltd. ("Superlin" Disinfectants)	vi
Neill, J., & Co. (Sheffield), Ltd. (Razor Blades)	13		Zeal, G. H., Ltd. (Chiuicals)	xix
Nestlé & Anglo-Swiss Condensed Milk Co. (Lactogen)	xxviii			

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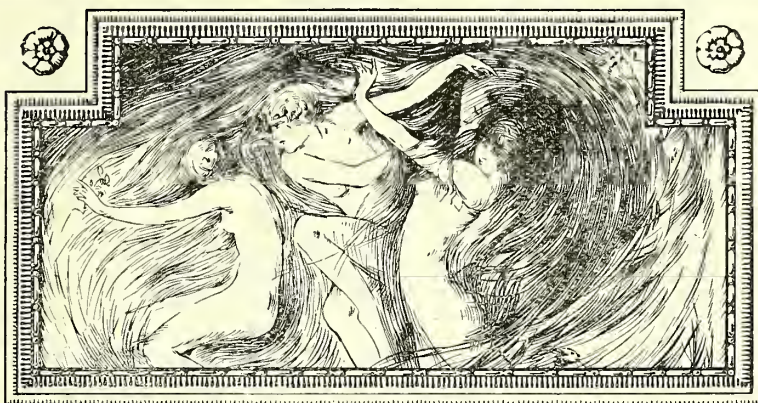
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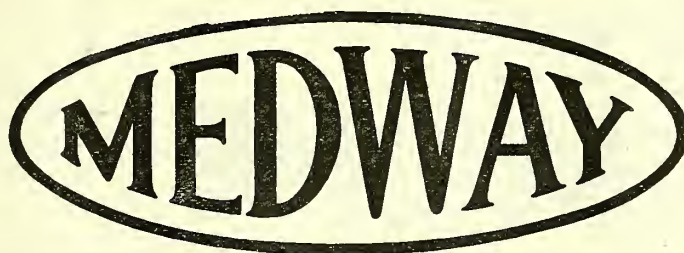
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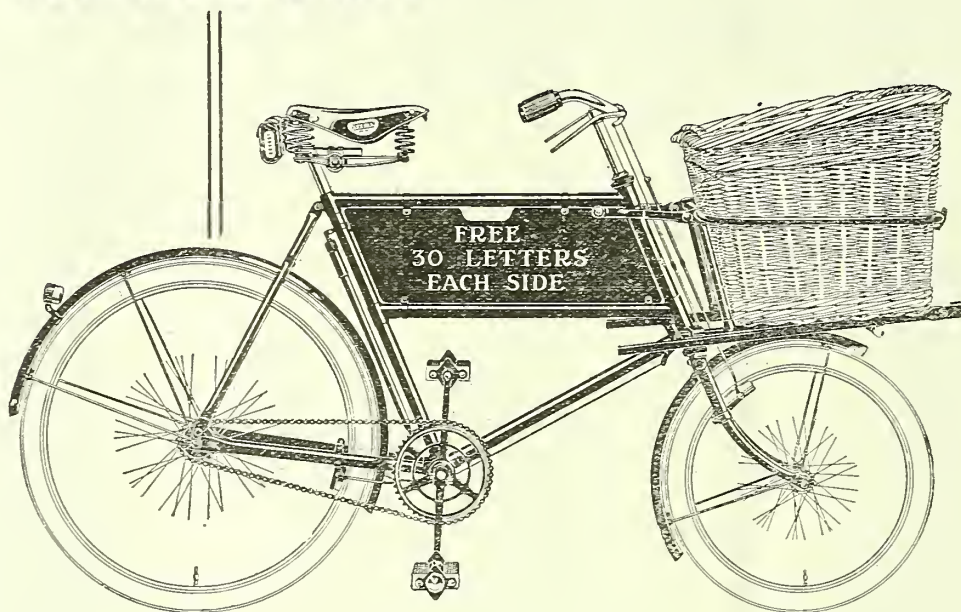
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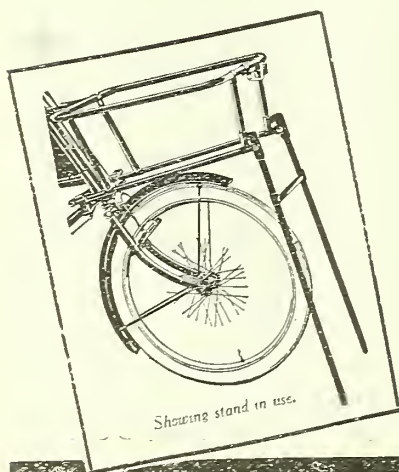
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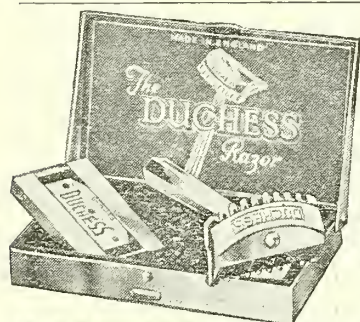
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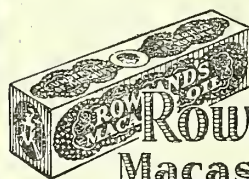
**CALL IN AT STAND 18a,
CHEMISTS' EXHIBITION**

THE DUCHESS RAZOR CO.

318 Camberwell New Road, S.E.5

For thinning hair

Recommend Rowland's Macassar Oil, the
favourite of 137 years. It keeps the hair
healthy, and staves off greyness and
baldness.



RETAIL

3/6, 7/- & 10/6

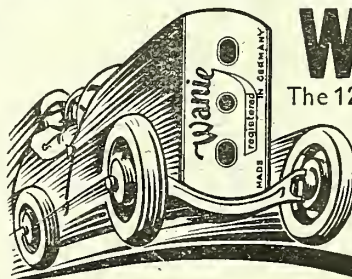
P.A.T.A.

**Rowland's
Macassar Oil**

Red for
dark hair
Golden
for fair or
grey hair

A. ROWLAND & SONS, Ltd., 112 Guilford St., London, W.C.1
R.M.T.

For Speedy Sales—



WANIE

The 12 Shave-power Blade

**A WINNER
EVERY TIME!**

8/- PER GROSS

For Sample, write to—
Dept. C.D.,

WANIE DISTRIBUTING CO.

89 Aldgate High St., E.C.3

Northern Distributors: S. Kalisky (Aldgate), Ltd., 16 Withy Grove, Manchester.
Irish Free State Agents: Messrs. W. A. Freedman & Co., 21 Merchant's Quay, Dublin.



THE 50% PROFIT on Outlay that you get from Harystor (sold at 3/9 P.A.T.A.) is extra money and continuous, too!

Mr. E. W. Blake—Noted Specialist in Manipulative Surgery and Dietetics—prescribes Harystor to all his patients who consult him about their Hair. For

FALLING HAIR, THINNESS,
DANDRUFF, DRYNESS OR
BRITTLINESS

it is unsurpassed, as many can testify—probably in your own neighbourhood.

HARYSTOR
HAIR-RESTORER
PRESERVES & BEAUTIFIES THE HAIR

Harystor is being extensively advertised in the leading national daily papers. Don't let this extra profit slip through your fingers.

Order a supply of Harystor now. Show it on your counter. Offer it to people troubled about their Hair, and easy sales will be the result. Obtainable through all wholesale houses or by return from:

MEDICUS, LTD.
92 SOUTHBRIDGE ROAD
CROYDON
SURREY



MEN

WANT A HAIR CONTROLLER
THAT KEEPS THEIR HAIR IN
PERFECT ORDER ALL DAY
LONG—ONE THAT DOES NOT
DRY THEIR SCALP, FLAKE OR
GUM THEIR HAIR. THAT IS
WHY THEY ALL SAY "GIVE ME

BRYLCREEM"

GET TO KNOW MORE ABOUT
BRYLCREEM ON

STAND No. 100
AT THE
CHEMISTS' EXHIBITION



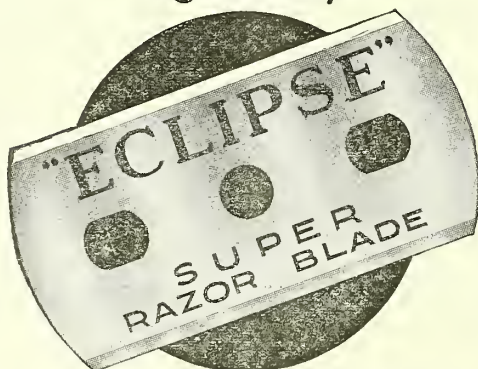
PRICE REDUCTIONS
WILL BE **ADVERTISED** IN
THE DAILY PRESS COMMENCING IN THE "SUNDAY EXPRESS" ON MAY 10th. The following week in the "DAILY SKETCH," the "DAILY MIRROR," also in various publications.

:: PLEASE WRITE FOR NEW SHOWCARDS ::

Gladys Cooper's Beauty Preparations (London), Ltd.
121a HAMPSTEAD ROAD . . . LONDON, N.W.1

Chemists' Exhibition, Stand No. 45, see

The British Blade
that sells on
Quality



The consistent Quality of "Eclipse" Blades is supported by a Money-back Guarantee of Satisfaction in every packet.

3 Minimum trade discount 33 1/3%. **5**
FOR Order from your usual whole- FOR
1/- saler, or direct from the Sole **1/8**
Manufacturers—

JAMES NEILL & CO. (SHEFFIELD) LTD.
Composite Steel Works - SHEFFIELD

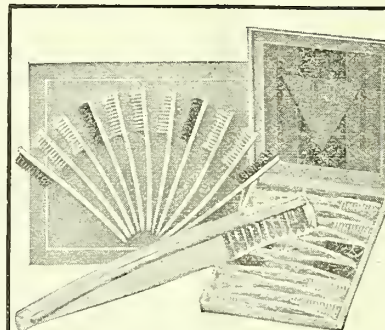
E.60.D

G. B. KENT & SONS, LTD.

Are known the World over as
the Largest Manufacturers of

**BEST
BRITISH
BRUSHES**

Please write for full Particulars to :—
75 FARRINGTON ROAD, E.C.1.



- THE -
**"STATIC"
TOOTH
BRUSH**

**BONE HANDLES
WHITE,
UNBLEACHED,
OR BLACK
BRISTLES**

6/6 per doz.

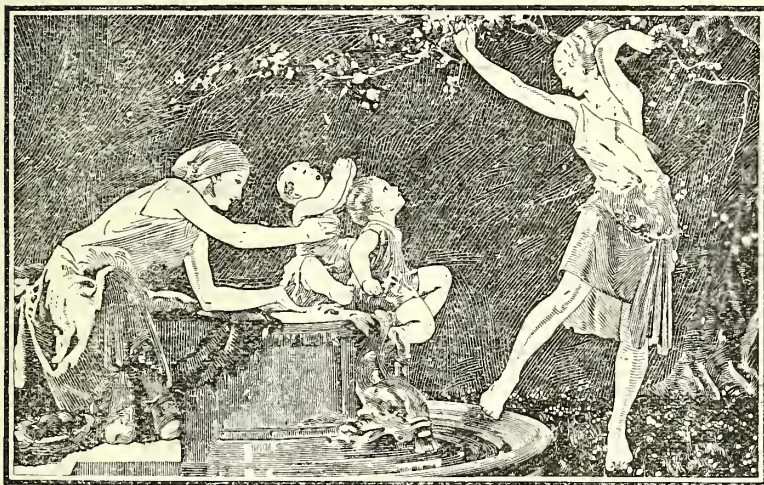
From all wholesalers

MANUFACTURERS :
W. R. SPEER & SON, 215 Dalston Lane, E.8
ESTD. 100 YEARS.

PEARS

— and the Children

Pears will help you sell a cake of Transparent Soap to every child who comes into your shop—and to the mothers, too!



"The Bloom of Youth"

by W. Russell Flint, A.R.A., R.W.S.

£100
IN
CASH PRIZES

This is what you should do

Fill in application, and make a second display of your colour reproduction of "The Bloom of Youth," framed.

This is what entrants must do

Obtain from you one of the outline drawings, paint or colour it, and send it to us, together with a wrapper from No. 120, or Golden Glory (No. 130).

We are still offering to the public the unframed reproduction of "The Bloom of Youth" for 12 wrappers.

PS/33/29

A. & F. PEARS LTD. ISLEWORTH, MIDDLESEX

APPLICATION FORM.

Please forward to me a supply of outline drawings.

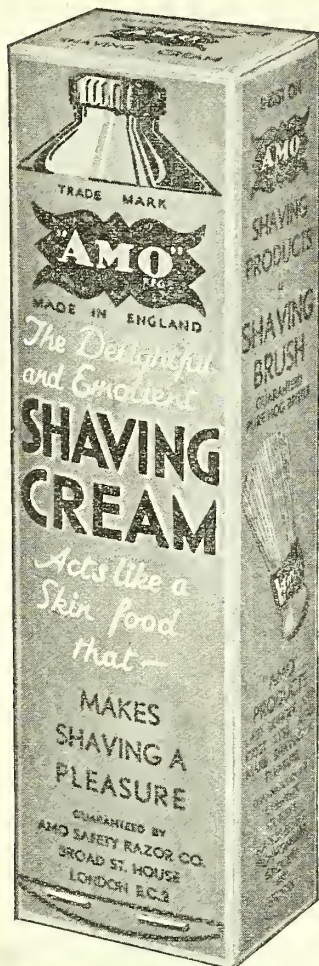
Dealer's Name.....

Address

C.D. 2A.

AMO GIANT TUBE SHAVING CREAM

BRITISH
PRODUCT



SIZE $7\frac{1}{4} \times 2 \times 1\frac{1}{2}$
CELLOPHANE WRAPPED
PACKED 1 DOZEN
— IN —
DISPLAY CARTON

A DELIGHTFUL
& EMOLLIENT
SHAVING
CREAM MADE
OF SUPERIOR
INGREDIENTS
CONTAINING
PROPERTIES
FOR THE
PROTECTION
OF THE SKIN

CONTENTS
4 OZS. NETT

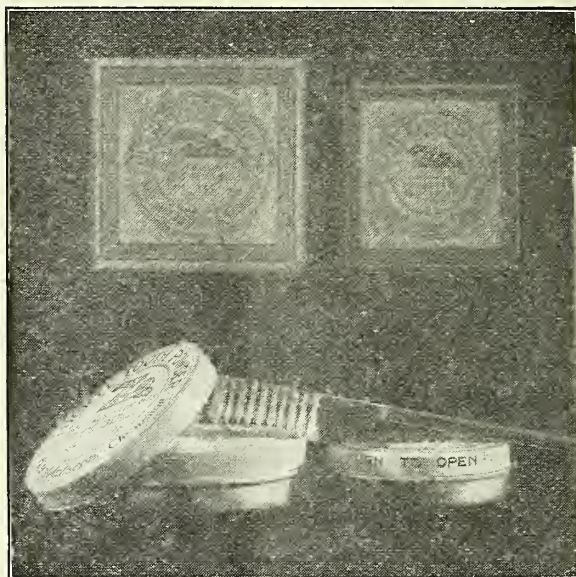
RETAILS

1/-

APPLY FOR
TERMS OR
SEND 9d.
FOR SAMPLE
POST PAID

AMO SAFETY RAZOR BLADE CO. LTD.
BROAD STREET HOUSE
LONDON, E.C.2

Eucryl



Eucryl for you The Dentifrice that leads to Larger Profits

Ensure for yourself the benefit of the generous terms that the Makers offer by keeping a plentiful stock of all Eucryl Products—Products that have been in continuous demand for over 30 years

Buy on Window display Terms and 30 days' credit and get—

PROFIT ON SELLING PRICE 43%
PROFIT ON BUYING PRICE 75%

Buy on Window Display Terms and send Cash with Order and get—

PROFIT ON SELLING PRICE 46.6%
PROFIT ON BUYING PRICE 87.5%

EUCRYL DENTIFRICES

Send coupon below for illustrated price list and details of Eucryl Bonus Terms and ask for new Window Display Material

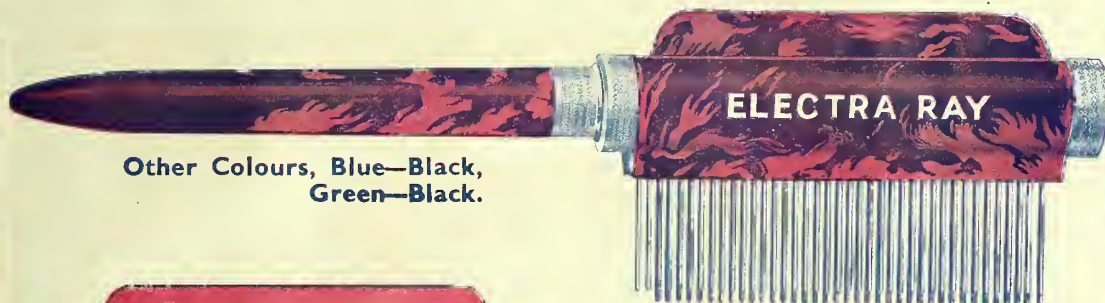
NAME _____

ADDRESS _____

C.D.T.

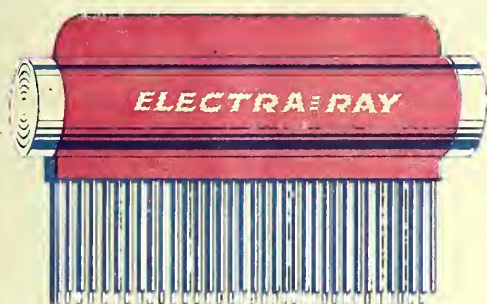
EUCRYL LIMITED, SOUTHAMPTON.

ARE YOU GETTING YOUR SHARE OF EASY PROFIT ON ELECTRA-RAY PRODUCTS ?



Other Colours, Blue—Black,
Green—Black.

D 12. **Retail 5/-**

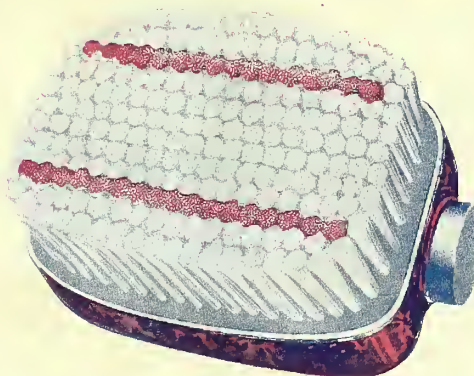


MADE IN ENGLAND.

Patent App. for.

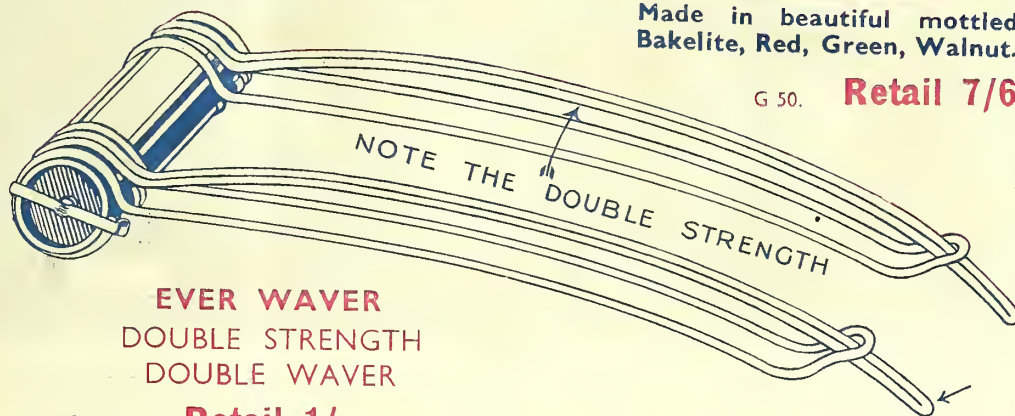
Other Colours—
Blue, Green, Black.

A 1. **Retail 2/6**



Made in beautiful mottled
Bakelite, Red, Green, Walnut.

G 50. **Retail 7/6**



EVER WAVER
DOUBLE STRENGTH
DOUBLE WAVER

*W 75. **Retail 1/-**

All Electra-Ray products are obtainable through your wholesaler
and show you a profit of 50% on cost.

LECTRA-RAY PRODUCTS Ltd., 3, FLEET LANE, LONDON, E.C.4.

Name

Address

Fill in this form, detach, and forward to us, and we will send you full particulars regarding our Window Display Bonus Offer. The greatest value for money ever offered. C. & D.

Electra-Ray Window Display and Bonus Offer.



An actual representation of a centre window display, made from one third of a £3 order for Electra-Ray Combs and Brushes.

Further particulars regarding this display and Bonus Offer will be sent upon request.

The actual window and goods will be displayed on our stand at the Chemists' Exhibition to be held in London from May the 11th to May the 15th.

Over 300 of the Displays have been sold in the past month, and many repeat orders have been received from the results.

Please see over for full range of Electra-Ray Products.

Name _____

Address

Fill in this form, detach, and forward to us, and we will send you full particulars regarding our Window Display Bonus Offer. The greatest value for money ever offered. C. & D.

MOTHAKS

Prevent all damage by Moths

Moths won't go anywhere near "MOTHAKS."

"MOTHAKS" hung up in wardrobes and cupboards and placed in drawers make certain of the moths depositing their eggs elsewhere.

Furs, blankets, suits and clothes of every description are absolutely safe if guarded by "MOTHAKS."

"MOTHAKS" are packed in attractive Display Outers containing 1 doz. 6d. bags.

"MOTHAKS" SELL AT SIGHT

PRICES.—Minimum Retail Selling Price per bag of eight, 6d.; Wholesale Price per dozen, 4/-; Wholesale Price, 6 dozen, carriage paid, 24/-; Per gross, carriage paid, 48/-.

SPECIAL BONUS TERMS.—On orders of 1 gross there is a Bonus of 1 dozen for a Display. On orders of 2 gross there is a Bonus of 3 dozen for a Display.

One of the many Testimonials received:—"Wembley, London. Dear Sirs,—Re 'Mothaks.'—Very gratifying results. 75% of packets sold in three weeks, centre window display which is attractive, clean, and 'Telling in effect.' The 'Impressed Specimen' in the showcard and the colour scheme 'get there.' The price is correct and the nimble sixpence becomes more nimble. Novelty is expressed in the pack and usefulness of the article. Produce more such, and a few crumbs may be added to the scanty fare of the 'Druggists of the Day.' Compliments. Yours faithfully."

This very attractive cut-out Show Stand in colours FREE



THOMPSON & CAPPER WHOLESALE Ltd.

MANESTY BUILDINGS, COLLEGE LANE, LIVERPOOL

ANTI-GLARE

SEE WITH EASE

Spectacles

for
**SUN, LAND,
SEA or AIR**

This Showcard complete with
One Dozen
Spectacles
Assorted Smoke
and Fieuzal
LENSES

8/-

Loose Spectacles
for Replacements
per 6/6 doz.
Post extra

Our full leaflet of
SUN GLASSES will
gladly be sent on
request

"SEE-WITH-EASE" ANTI-GLARE SPECTACLES, OBTAINABLE ONLY FROM
THE GENERAL OPTICAL COMPANY (E. T. & F. W. CORNWELL)
120 CLERKENWELL ROAD, LONDON, E.C.1

MANY SUCCESSES IN THE EXAMINATIONS

Your Opportunity to

QUALIFY IN OPTICS

PRACTICAL WORK. Students taking the course may receive personal tuition in the practical work AT ANY TIME DURING THE COURSE.

Expert Tuition for the **SIGHT-TESTING DIPLOMAS** of the Worshipful Company of Spectacle Makers (F.S.M.C.); the British Optical Association (F.B.O.A.); the National Association of Opticians (F.N.A.O.); or the College of Optics (F.C.O.).

Write for full particulars—

G. A. SCURR, M.P.S., F.S.M.C., F.B.O.A., F.N.A.O., B.Sc., F.I.O., F.C.O.
50 HIGH STREET, BARNET, LONDON, N.
S.A. Representative: E. E. G. WOOLLEY, F.S.M.C., M.P.S., P.O. Box 1769
Derban.
N.Z. Representative: R. C. AITCHISON, Box 158 PALMERSTON, North.

LONDON COLLEGE OF PHARMACY

(Founded by H. Wootton, B.Sc.) C. W. Gosling, Ph.C.
Principal: IRVINE G. RANKIN, B.Sc., Ph.C.

SPECIALISTS IN TRAINING PHARMACISTS.

NEW SIX MONTHS' PRELIMINARY SCIENTIFIC COURSE just commenced for September Exam.

REVISION COURSES—P.S. and C. & D.
now commencing for June-July Exams.

PREPARATORY POSTAL STUDIES
available at all times.

Apply—The Principal, 361 Clapham Road, S.W.9

The Supplementary Examinations

A special course of instruction by correspondence, *viva voce*, and practical work for the Supplemental Examinations of the S.M.C. and N.A.O. Fellows of the B.O.A. and S.M.C. should take the Supplemental N.A.O. Full syllabus and time table to suit individual requirements. 100% passes at the first attempt in the Supplemental Examinations extending over 3 years.

WALTER SIMPSON, Tutor of Optics
510 FULHAM ROAD, S.W.6

NURSE HARVEY'S MIXTURE

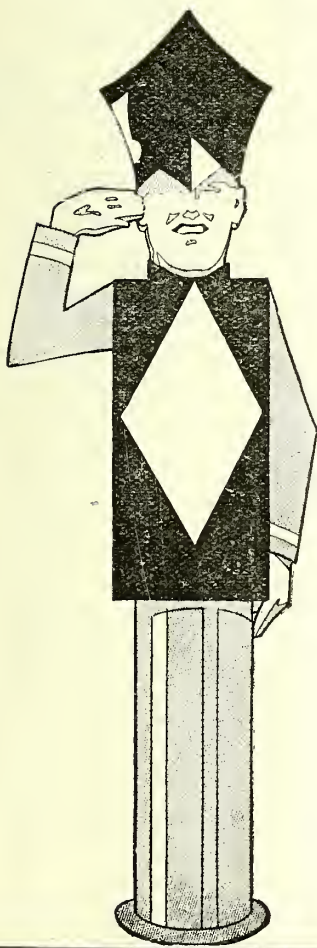
A safe, simple and reliable remedy for Children's Ailments is advertised so extensively in the daily and weekly Press as to bring mothers to the retailer without effort on his part.

The selling has been done before the mother reaches the chemist, and, having supplied her, it is only common sense to claim she will buy other family necessaries from him. Moreover, the continuous demand for it produces a quick turnover.

For Direct Terms apply to—

OSCAR SCRUTON & CO., YORK

USE THE NEW SELO SALES-HELPS!



If you are one of the few who are not already making the most of this season's Selo Displays, get a show into your window or showcase to-day! Now is the time to capture the early business—the foundation for another record Selo year. Look to your stocks, too, the rush for Selo is now on.

SELO
The fast
FILM
BRITISH
MADE

Distributed by
ILFORD LIMITED, ILFORD, LONDON

... Win More Sales With "WINNING COLOURS" Dyes!

MORE AGENTS STILL WANTED

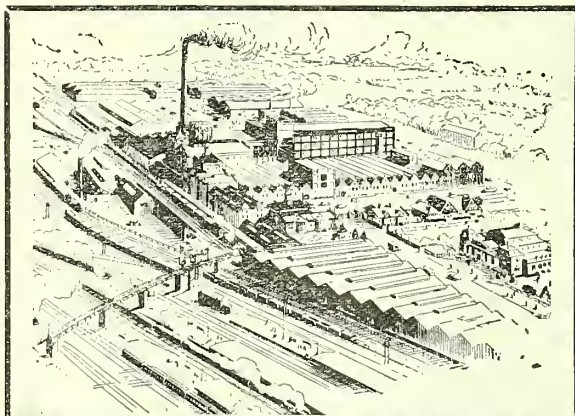
Send to-day for full particulars, and have "Winning Colours" in the race for sales.

Unequalled for strength and beauty of colour, with correctness of tone, these well-known dyes will bring you many repeat sales. They attract customers to your shop, for, once tried, "Winning Colours" Dyes are always used.

Particulars of this profitable agency, window display material, etc., will be gladly supplied. Convincing and attractive advertisements, which appear in the National Dailies from time to time, will stimulate the public interest, and bring you increased demand.

Buy the Dyes of Cup Fame!

The UNITED INDIGO & CHEMICAL Co. Ltd.
HUDDERSFIELD . . . YORKSHIRE



FREEHOLD FACTORIES SOUTHALL, MIDDLESEX

To be sold with possession, either as a whole or in part lots.

450,000 sq. ft. of FLOOR AREA AVAILABLE IN WELL-LIGHTED, MODERN and SUBSTANTIALLY CONSTRUCTED BUILDINGS, ADJOINING RAILWAY (Private Sidings), CANAL, Etc.

SOLE AGENTS:

LEOPOLD FARMER & SONS
Factory Specialists, 46 GRESHAM ST., E.C.2

NEW DAYLIGHT SIGNS
Any Colours *that as a Board* **NO BOX - MIRRORS**
UPRIGHT or HORIZONTAL **Brilliant at all angles**
NOT A DUST TRAP
Suitable for: PROJECTING, WINDOW, & VAN SIGNS, FACIAS, & ETC.
Send for PRICE LISTS & PHOTO ILLUSTRATIONS.
National Advertisers size 14x10 Double Sided, with Brackets, in Quantities **19/6**
ALLAN MFG CO LTD 129 GRAYS INN RD WC1

CHEMISTS' FITTINGS OF EVERY DESCRIPTION. NEW AND SECONDHAND.

F. MAUND & E. BERG (SHOWCASES) LTD.,
175/9 and 336 OLD STREET, LONDON, E.C.1

VETERINARY COUNTER PRACTICE. Price 7s. 6d. net,
by post 8s.

DISEASES AND REMEDIES. Price 5s., by post 5s. 3d.
THE PHOTOGRAPHIC CHEMIST. Price 3s. 6d., by post
3s. 8d.

THE "CHEMIST AND DRUGGIST," 28 Essex Street, W.C.2

**CARD
INDEXES**

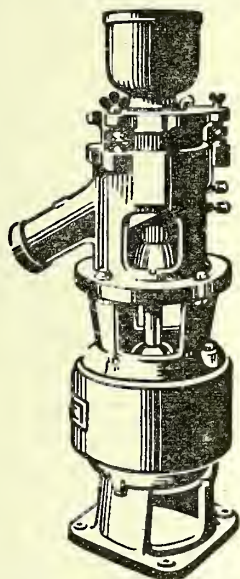
COMPILED AND KEPT
UP TO DATE

WRITE TO R. H. L.

LINAD

14 New Bridge St., E.C.4

PREMIER PASTE MILL



5" Paste Mill with direct coupled Motor.

Is a slow speed Mill direct coupled to Motor. There are two working surfaces, one rotating and the other fixed. The clearance between the two can be adjusted with absolute precision to a 1/1000th of an inch.

This latest development of THE PREMIER COLLOID MILL is designed to handle viscous fluids and semi-pastes.

All contact parts are fescolised nickel, or any other metal to suit user's requirements.

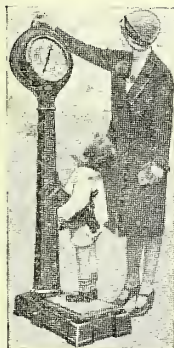
EASY TO HANDLE and EASY TO CLEAN

In extensive use by the leading manufacturers for:—

COSMETICS and SHAVING CREAMS, LIP STICKS, SKIN CREAMS, FOOD PRODUCTS, HAIR PREPARATIONS, VISCOUS EMULSIONS, PERFUMERY PRODUCTS, OINTMENTS, Etc.

BURT, BOULTON & HAYWOOD, LTD.

Premier Mill Dept., Prince Regent's Wharf, SILVERTOWN, E.16
Telephone: Albert Dock 1511/2/3/4. Telegrams: "Burboul, Ave, London."



Let the "GEM"
make money for you

Write for particulars and
name of local agent to the
manufacturers:—

**THE GEM
AUTOMATIC WEIGHING
MACHINE COMPANY
LIMITED**

46 NEW CITY ROAD
GLASGOW C.4

RODGERS QUALITY —and the lowest price in Sheffield!

Rodgers Scissors have always sold on quality, now they sell on price as well. The card illustrated costs you 6/6 and the scissors sell at prices ranging from 1/4 to 2/2, showing you a net profit of 3/3 per card. Buy British and help to reduce unemployment and taxation.

Order Card No. E. 7174/C.D., and see how the scissors sell themselves.

Joseph Rodgers & Sons, Ltd.
Cutlery to His Majesty,
SHEFFIELD.

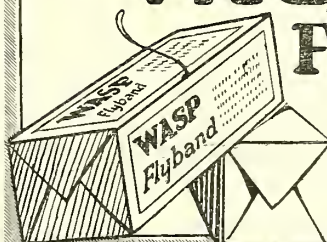


STICK TO THIS FOR BIG SALES

You can't help doing good business with Wasp Flyband—it's the line that *always* brings regular, satisfied customers. Wasp Flyband is the quickest and most hygienic Fly Catcher. Keeps in condition indefinitely—never any dead stock left on your shelves. Stock up for big profits—place your order now for

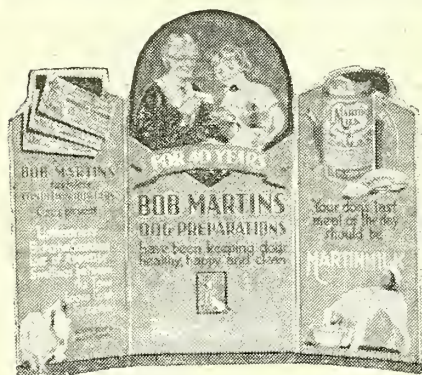
THE

WASP Flyband



Manufactured by
F. W. HAMPSHIRE & Co.
(1927), LTD.,
Sunnydale Works, Derby

Is your name on the Bob Martin Display List?



The three-piece Screen is two feet high and forms the ideal background for a display.



One of the finest sales-helps you can have is the new popular edition of "BOB MARTIN ON DOGS," a 36-page practical guide of great value to every dog owner. Packed in an attractive container, for free distribution to your customers.

WE are glad to introduce two new Bob Martin Sales-helps—worthy successors to previous displays which are bringing better profits to many hundreds of Pharmacists.

Three out of four people who pass your window are dog-owners, using Bob Martin preparations. These forceful displays will tell them you are ready to supply their wants.

Beautifully produced in full colour, Bob Martin displays not only command attention, but definitely increase business; their attractiveness is at once an asset to your sales and to the appearance of your window.

You cannot afford to lose any opportunities to enlarge your trade. Take the quickest and surest way to more sales—your name on the Bob Martin Display List will ensure your receipt of the latest display material as it is issued. Complete the coupon below and post to Bob Martin, Ltd., Union Street, Southport, England. The two newest sales-helps, the second big edition of "Bob Martin on Dogs," packed in a folding counter display, and the attractive three-piece screen, will be sent you immediately.



BOB MARTIN LTD.

Dog Food and Medicine Manufacturers since 1892

**SOUTHPORT
ENG.**

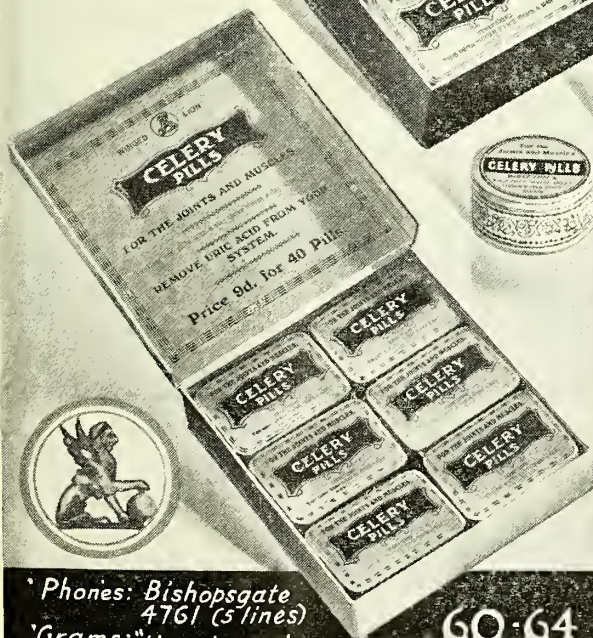
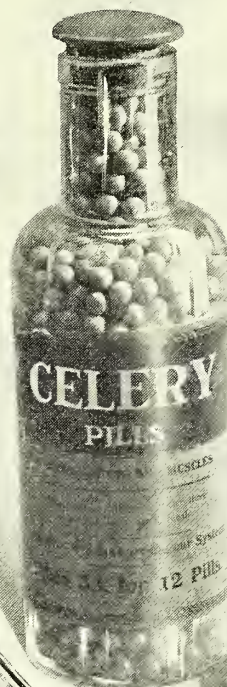
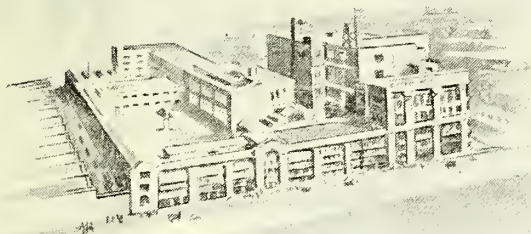
Please add my name to the special Bob Martin Display List, so that I will receive all your sales-helps immediately they are issued.

NAME

ADDRESS

Potter & Clarke

LIMITED



CELERY PILLS

Bottles of 1,000 7/-, bottles free
Bottles of 500 4/-, bottles free

PACKED

3d. Boxes 1s. 8d. doz., 3 doz. @ 1/6, Gr. @ 1/4
9d. Tins (40 pills) 3s. 6d. doz.
1s. 6d. Tins (90 pills) 7s. 6d. doz.
3 doz. @ 6/9, Gr. @ 6/6

* Phones: Bishopsgate
4761 (5 lines)
* Grams: "Horehound,"
"Phone, London"

60-64 Artillery Lane, London
MANCHESTER: 24 LUNA ST., GT. ANCOATS. **E.1.**

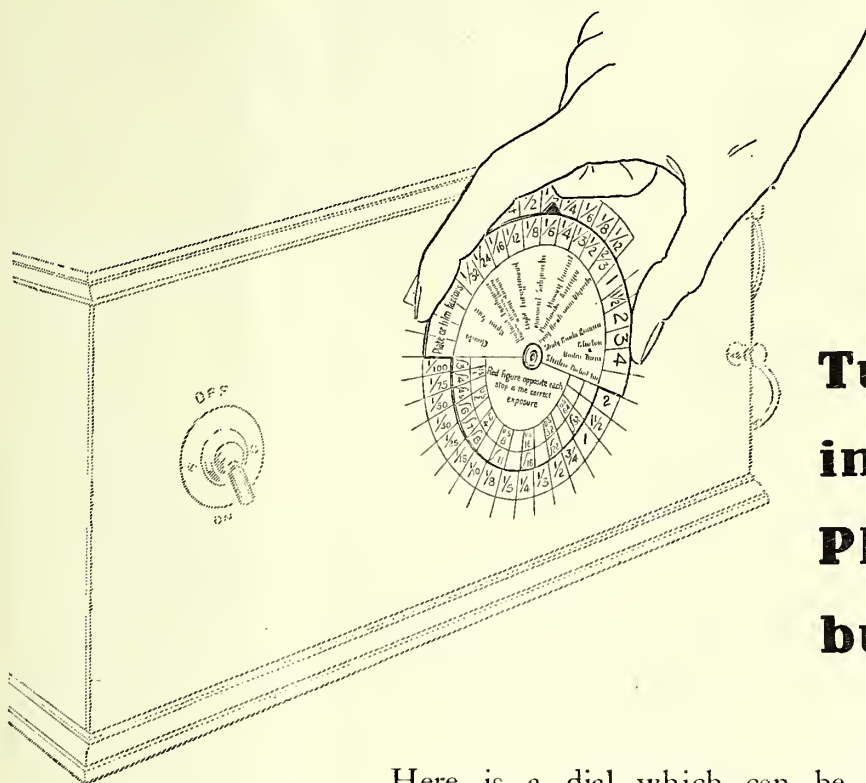
1931 **D & P POSTAL ARRANGEMENTS**

- (1) Work received by first post, despatched to you by mid-day.
- (2) All work received up to 2 p.m. returned same day.
- (3) Drop us a line and we will tell you exactly what service we can give in your town.

GEORGE BROWN

SPEEDY - RELIABLE - DEAD ON TIME

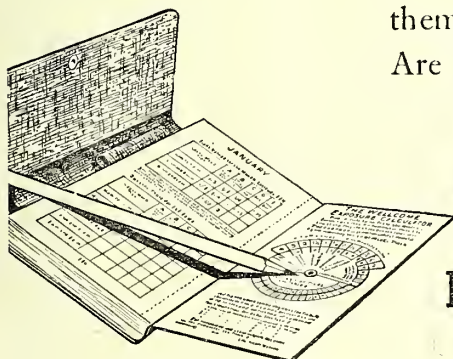
**27A BRAZENNOSE ST.
MANCHESTER**



**Tune in to
increased
Photo.
business**

Here is a dial which can be turned to the great advantage of the photographic chemist. The 'Wellcome' Photographic Exposure Calculator tunes in "correct exposure" for every condition of light, subject, emulsion, stop, etc. It ensures the correct reception of every subject. It also encourages photographers to switch on to new processes and keeps them coming back to the chemist for more material. Are you developing this cumulative business?

Retail price, 1/6
Price in London
to the Trade,
16/4 per dozen
(subject)



'WELLCOME' Photographic Exposure Calculator

Handbook and Diary



BURROUGHS WELLCOME & CO., LONDON



comes of age

PHARMACY FOR THE PHARMACIST

TWENTY-ONE years ago the United Chemists' Association, Ltd. (U.C.A.L.), was organised for the benefit of the Retail Chemist.

IT is a safe, sane trading plan based on giving the highest quality at reasonable prices in such quantities as the buyer requires.

U.C.A.L. is confined to Qualified Chemists. U.C.A.L. started 172 strong.

U.C.A.L. is now operating 5,500 Chemists' accounts in Gt. Britain and the Irish Free State, and many abroad.

ALL products are manufactured under Analytical Control. U.C.A.L. products yield adequate remuneration to the professional men who sell them.

U.C.A.L. is now financially strong and invites the co-operation of Qualified Chemists for mutual benefit.

Protected Prices.

Protected Sales.

Protected Profits.

“UCAL”

CHELTENHAM 'Phone 3021

LONDON: Keith Grove, W.12 'Phone Shepherd's Bush 3437

THE CHEMIST AND DRUGGIST



A WEEKLY JOURNAL OF PHARMACY,
THE DRUG, CHEMICAL & ALLIED TRADES.

Telegrams: "Chemicus, Estrand, London."
Telephone: Central 6565 (8 lines).

The official organ of The Pharmaceutical Society of Ireland, The Chemists' and Druggists' Society of Ireland, and of other Chemists' Societies in Overseas Dominions.

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Branch Offices: 4 Cannon Street, Manchester. (Tel.: City 0052.) 54 Foster's Buildings, High Street, Sheffield. (Tel.: 22453.)
19 Waterloo Street, Glasgow. (Tel.: Central 2329.) 99 Queen Street, Melbourne, Australia.

Vol. 114. No. 19

CONTENTS

May 9, 1931

	PAGE
Births	540
British Pharmaceutical Conference	534
Business Changes	533
C. & D. Commercial Compendium	555
Corner for Students ..	547
Correspondence:—	
Letters	552
Dispensing Notes	554
Legal Queries	554
Miscellaneous Inquiries	554

	PAGE
C. & D. Retail Price List	540
Coming Events	533
Council Candidates ..	536
Deaths	540
Editorial Articles:—	
Pharmacy and Poisons Bill	542
After the Watkinson Case	543
English News	531
Festivities	537
Gazette	535

	PAGE
Irish News	533
Legal Reports	534
Marriages	540
New Companies and Company News	534
Personalities	540
Pharmaceutical Society of Great Britain:—	
Council Meeting	544
General Meeting	545
Examination Results ..	545
Annual Report	545
Branch Meetings	546

	PAGE
Observations and Reflections	541
Pharmacy and Poisons Bill	547
Retail Pharmacists' Union	537
Retrospect	554
Royal Academy	533
Scottish News	532
Trade Marks	535
Trade Notes	539
Trade Report	548
Westminster Wisdom ..	535

English and Welsh News

Key Industries

A representation has been made to the Board of Trade under Section 10 (5) of the Finance Act, 1926, regarding the exemption of methylene chloride from Key Industry Duty.

Marking of Crêpe Bandages and Binders

A draft Order in Council (Stationery Office, Id.) has been laid before Parliament, in pursuance of Section 7 of the Merchandise Marks Act, 1926, in accordance with the report of the Standing Committee published in our issue of March 21 (p. 323). The text of the principal clauses is as follows:—

(1) It shall not be lawful to sell or expose for sale in the United Kingdom any imported crêpe bandage or crêpe binder made of wool, cotton, silk, artificial silk or mixtures thereof, unless it bears an indication of origin.

(2) The indication of origin shall be applied to each article by stamping or printing in a contrasting colour either

(i) where bandage or binder is surrounded by a band or other wrapper: on the outer surface of the band or wrapper, or on a label securely attached or affixed thereto: or

(ii) where there is no band or wrapper: on a label securely attached or affixed to the bandage or binder.

(3) Where a bandage or binder is sold or exposed for sale in a carton the indication of origin of the bandage or binder shall also be applied to each article by stamping or printing in a contrasting colour on the carton.

(4) Nothing in this Order shall apply to crêpe mourning bands and armlets.

(5) Goods to which this Order applies shall bear the indication of origin herein provided on exposure for sale whether or not the person so exposing the goods is a wholesale dealer.

(6) Nothing in this Order shall require any goods to which it applies to bear an indication of origin at the time of importation.

The Order is to come into force three months after it is made.

Dangerous Drugs Acts, 1920-1925

(From "The London Gazette," May 1, 1931)

WITHDRAWAL OF AUTHORITY

(WILFRED ALAN BENSON)

Whereas Wilfred Alan Benson, L.R.C.P.I., L.R.C.S.I., of 2 Mount Pleasant, Bury New Road, Manchester, has been convicted of offences against the Dangerous Drugs Acts:

And whereas the said Wilfred Alan Benson cannot, in my opinion, properly be allowed to be in possession of or to supply any of the drugs or preparations to which Part III of the Dangerous Drugs Act, 1920, applies:

Now, therefore, in pursuance of the powers conferred on me by Regulation 6 of the Raw Opium Regulations, 1921, as extended by the Coca Leaves and Indian Hemp Regulations, 1928, and by Regulation 7 of the Dangerous Drugs (Consolidation) Regulations, 1928, I hereby give notice that I withdraw, as from to-day's date, from the said Wilfred Alan Benson the authority granted by the said Regulations to duly qualified medical practitioners to be in possession of and to supply raw opium, coca leaves and Indian hemp and the drugs and preparations to which Part III of the Dangerous Drugs Act, 1920, applies:

And I also direct, as from the same date, that it shall not be lawful for the said Wilfred Alan Benson to give prescriptions for the purposes of the Dangerous Drugs (Consolidation) Regulations, 1928.

J. R. CLYNES,
One of His Majesty's Principal Secretaries of State.

Whitehall, April 28, 1931.

Manchester

Boots, Ltd., have acquired additional premises next door to their Oxford Street pharmacy (open day and night).

Taylor's Drug Co., Ltd., have acquired premises for the purpose of opening a pharmacy in Oxford Street (Portland Street corner).

Sheffield

At Sheffield Police Court, recently, E. T. Sutherland, Darnall, was summoned in respect of a sale of potted meat containing 74.7 per cent. of water. Mr. John Evans, F.I.C., Ph.C., the city analyst, held that this was an excess of 15.6 per cent. It was stated for the defence that other public analysts did not agree with the contention of Mr. Evans. The case was dismissed.

Following a report in the local Press regarding the interview which the deputation of Sheffield chemists had with certain members of Parliament at the House of Commons (*C. & D.*, May 2, p. 504), a letter was published from Mr. E. A. Kirman, who pointed out that the headings, "Sale of Poisons," "Sheffield Chemists Want More Control," were misleading. Mr. Kirman then explained some directions in which chemists consider the Bill requires amending.

Miscellaneous

POISON-LICENCE APPLICATION.—George Freeland & Sons, Tonbridge, have applied to the Kent County Council for a licence to sell agricultural and horticultural poisons.

FAIRCHILD SCHOLARSHIP AND PRIZES.—The date of the next examination for the Fairchild scholarship and prizes should have been given in our issue of May 2 as Thursday, June 18, not as printed.

VISIT TO WORKS.—A party of members of the South-East London Branch of the Photographic Dealers' Association spent an enjoyable afternoon, on April 30, at the Harrow works of Kodak, Ltd. Following the tour of the works tea was provided, after which Mr. E. Oswald Wells, in a brief speech, expressed the appreciation of the party and their thanks to Messrs. Kodak for their hospitality. Mr. Talbot made a suitable reply.

UNITED CHEMISTS' ASSOCIATION, LTD.—The current issue of "The Ucalite" contains particulars of the twenty-first annual meeting of the United Chemists' Association, Ltd., to be held on May 25 at the company's works at Cheltenham. The programme includes a dinner and dance, at which a presentation to Mr. Harold Miller is to be made in recognition of the coming of age of the company.

GOLF.—The London Chemists' Golfing Society held their opening meeting at the West Essex Golf Club on April 23. There was a good attendance, thirty-four members competing for the Vinolia prize and the Hepburn shield. The weather was good and the course in splendid condition. Mr. C. A. Macdonald won the Vinolia prize and Mr. A. W. Daniels the Hepburn shield. The leading scores were:—

C. A. Macdonald	82-6=76	D. J. Parry	95-15=80
J. Deas	94-16=78	E. Nice	97-16=81
P. O. Royle	95-16=79	W. Gray	93-12=81
Dr. Murray	95-16=79	A. W. Daniels	87-5=82

The second open meeting of the Cardiff Pharmacists' Golf Club will be held at the Radyr Golf Club on May 20 for the Virol silver challenge cup. Anyone wishing to enter must send application with entrance fee not later than May 16 to the secretary, Mr. R. L. Hopkins, 88 High Street, Barry. Entrance fee, 2s. 6d. Optional sweep, 1s.

ROYAL INSTITUTION.—The annual meeting of members of the Royal Institution was held on May 1, Sir Robert Robertson (treasurer and vice-president) in the chair. The annual report of the Committee of Visitors for the year 1930 was adopted. The report of the Davy Faraday Research Laboratory Committee was also read. Thanks were voted to the president, treasurer and secretary, to the committees of managers and visitors, and to the professors, for their valuable services to the Institution during the past year. The following, among others, were unanimously elected as officers for the ensuing year:—*President*, The Right Hon. Lord Eustace Percy; *Treasurer*, Sir Robert Robertson; *Secretary*, Major C. E. S. Phillips. We learn that the reconstruction of the lecture theatre has been completed.

IN THE COURTS.—In Shoreditch County Court, London, on May 1, Mr. Edward M. Mills, chemist and druggist, Westbourne Park Villas, W., obtained judgment against Marshalls (Chemists), Ltd., High Street, Kingsland, E., in the sum of £10, being the balance of money paid by the plaintiff to the defendants under the terms of a service agreement, which had been determined.—At Thames Police Court, recently, Myer Briski, shopkeeper, Commercial Road, E., was fined 40s., with £10 10s. costs, for having sold ground ginger containing sulphur dioxide in excess. A summons against Harry V. Badcock, Honor Oak Road, S.E., for selling the article to Briski, was dismissed, with £10 10s. costs against the Stepney Borough Council.—At Keighley, recently, Ada Shackleton, grocer, was fined 20s. for having sold as malt vinegar a vinegar deficient in the solid matters which should have been present.—At Chesterfield, on May 4, Jack Looker (21) was bound over for three years on a charge of stealing varnish and other goods, the property of his employers, A. Greaves & Son, Ltd., chemists.

CHEMISTS' SICKNESS AND PROVIDENT SOCIETY.—The third annual general meeting of the Chemists' Sickness and Provident Society was held at 4 and 5 Queen Square, London, W.C.1, on April 28, Mr. Thomas Hardy in the chair. The chairman said that the past year had yielded a very considerable increase in membership, 104 new members being obtained in the men's section and fourteen in the women's section. The total membership of the Society on December 31, 1930, was 499 (men 431, women sixty-eight). Several members had made application to increase their shares. The claims for sick pay had increased upon the preceding year, especially in regard to the women's section, and the total amount expended was £650. The total amount paid to members since sick pay commenced was £836. The financial position of the Society was exceedingly strong, and having passed successfully through the commencing period it could show results comparable with the oldest institution of its kind. The Executive Committee was elected as follows:—*Chairman*, Mr. H. Gilleghan; *Vice-Chairman*, Mr. F. Hindle; *Treasurer*, Mr. A. R. Melhuish; Messrs. E. A. Atkins, W. Forster, T. Hardy, J. Keall, H. H. Marshall, H. J. Martin and S. J. Stearn, together with the trustees (Messrs. J. E. French, W. H. Clubb and E. C. Carr). Messrs. H. W. Harrie, A. Mortimer and H. Glyn-Jones were elected as arbitrators.

Scottish News

Glasgow Honours Degree in Pharmacy

The General Council of Glasgow University, at a recent meeting, considered the draft ordinance for the degree of B.Sc. in pharmacy. Dr. J. C. Scott, who submitted a report on the subject by the Business Committee, said it was proposed to grant first- or second-class honours instead of the ordinary degree on the attainment of a certain standard in the degree examination in pharmacy. The Committee suggested that the degree might be conferred "with high distinction" or "with distinction," instead of with honours. Dr. Scott said many of them had a rooted objection to giving honours degrees on an ordinary course. Some of them were sorry there would be a degree in pharmacy. It was getting a little near the American idea, for pharmacy was not a cultural subject. Professor Henderson pointed out there was no question of giving honours degrees in pharmacy on an ordinary course. Mr. Alexander Gemmell said that no doubt drugs were valuable at certain times, but surely the food that sustained them was of greater value. In fact, he said, a better case might be made out for a degree in grocery or confectionery. In a letter to the "Glasgow Herald" of May 5 Mr. P. M. Duff (secretary, Glasgow and South-Western Scottish Branch of the Pharmaceutical Society) protested against what he described as "disparaging remarks about pharmacy."

Irish News

Belfast

At Belfast Police Court, on May 4, Mr. R. Ferris, Ph.C., North Queen Street, was fined 60s. for having sold to an inspector a "compounded drug" which was not composed of ingredients in accordance with the demands of the purchaser. Dr. C. S. Thomson said he had sent nine prescriptions to various chemists; six were returned as correct and one was on the borderline of accuracy.

"The Belfast Gazette" of May 1 notifies that the Right Hon. Sir Richard Dawson Bates, Minister of Home Affairs for Northern Ireland, in pursuance of Section 7 of the Dangerous Drugs Act, 1920, has made Regulations amending the Dangerous Drugs (Consolidation) Regulations, 1928, made under that Section on December 14, 1928, as applied by the Dangerous Drugs Regulations (Northern Ireland), 1929. Nothing in the Principal Regulations applies to the preparations mentioned in the Schedule to these Regulations, and those Preparations are to be added to the third Schedule to the Principal Regulations. The articles scheduled are:—

Elixir diamorphinae et terpini c. apomorphina, B.P.C.
Linctus diamorphinae camphoratus, B.P.C.
Linctus diamorphinae c. ipecac., B.P.C.
Linctus diamorphinae et scillae, B.P.C.
Linctus diamorphinae et thymi, B.P.C.

"The Belfast Gazette" of May 1 notifies that whereas Thomas Sandford, Ph.C., Newtownards, and Joseph H. Byers, R.D., Newtownards, being duly registered under the Pharmacy and Poisons Act (Northern Ireland), 1925, were convicted of an offence under the Dangerous Drugs Acts, the Minister of Home Affairs for Northern Ireland has from that date, in the case of Mr. Byers, revoked the authority granted by the Regulations to him for the retailing of poisons and being in possession of and supplying raw opium, coca leaves and Indian hemp, and carrying on the business of retailing the drugs or preparations to which Part III of the Dangerous Drugs Act, 1920, applies. In the case of Mr. Sandford, the authority to manufacture any extract or tincture of Indian hemp, any preparation, and to carry on the business of retailing, dispensing or compounding the drugs or preparations to which Part III of the Dangerous Drugs Act, 1920, applies is withdrawn, as is also the authority to be in possession of these drugs.

Royal Academy of Arts

THE one hundred and sixty-third Exhibition of the Royal Academy of Arts opened at Burlington House, London, W.1, on May 4. Portraits are not so numerous this year as usual, nor are there any of particular interest to pharmacy. Among those of general interest, however, may be noted those of H.M. the King (396), two or three of other members of the Royal family, and that of Sir Harry McGowan, K.B.E. (87). Among the sculpture are busts of Dr. Henry S. Wellcome (1513), Mr. George Buckston Browne, F.R.C.S. (1530), and Lord Dawson of Penn (1592). In the architectural room will be found drawings of the extension of the British Medical Association's headquarters (1337), the St. David wing of the Royal Northern Hospital (1368), the Wellcome Foundation Research building (1370), Unilever House (1391) and the Brotherton Library at the new Leeds University (1409). Regular visitors will notice a slight rearrangement resulting in the South Rooms being devoted to oil paintings, and will probably agree that some of the paintings are "skied" to an uncomfortable extent. Users of kaolin may find something to interest them in the title "A China-Clay Pool" (420); and students of advertising will no doubt admire the cleverness with which an advertisement is suggested in "The Riverside" (293). For the rest, it may be recorded that there is on this occasion a run on still life, ricks, and Judith of Holofernes fame.

Westminster Wisdom

Notes on Parliamentary Matters

NATIONAL HEALTH INSURANCE

Colonel Howard-Bury asked the Minister of Health on May 4 whether the Government have now come to a decision upon the proposal to introduce legislation to repeal the Section which prohibits insurance chemists from giving an insured person an inducement, by gift or otherwise, in consideration of his presenting an order for drugs or appliances on a national health insurance form.

The Parliamentary Secretary to the Ministry of Health (Miss Lawrence): No, sir. The position remains as stated in my reply to a question by the right hon. member for West Woolwich (Sir K. Wood) on March 17. (*C. & D.*, March 21, p. 325.)

Colonel Howard-Bury: Is there any intention of altering the present Act which prohibits insurance chemists from offering bribes?

Miss Lawrence: I explained on March 17 that certain legal proceedings had been commenced, and, in those circumstances, I can add nothing to the answer then given.

Business Changes

H. HOCKEN, LTD., chemists, Redhill, have opened a branch at 24 West Way, Caterham.

J. R. STEWART & CO., LTD., chemists, will shortly open a business at The Bourne, Southgate, London, N.

MR. F. RUSSELL, chemist and druggist, has opened a pharmacy at Manor Parade, Brighton Road, Purley.

MR. T. J. WINNER, chemist and druggist, has taken over the business of E. H. Burce, Ltd., chemists, 9A College Road, Harrow.

MR. T. C. NEVILLE BOOTH, chemist and druggist, has removed from The Quadrant, High Street, to 44 Cannon Hill, London, N.W.6.

AYRTON-GRAHAM, LTD., shopfitters, will remove from 106 Duke Street, Liverpool, to larger premises at 24 Benson Street, Renshaw Street, Liverpool.

MR. VIVIAN H. FREEMANTLE, chemist and druggist, has been elected managing director of the Millbrook Pharmacy, Ltd., 263 Millbrook Road and 346 Shirley Road, Southampton.

MR. H. C. MEYRICK, chemist and druggist, has disposed of his business at 5A St. George Street, Liverpool, to Mr. Albert Blair, who intends to carry on the business as the Duke Drug Store.

Coming Events

This section is reserved for advance notices of meetings or other events. These should be received by Wednesday of the week before the meetings, etc., occur.

Monday, May 11

The Chemists' Exhibition, New Hall, Royal Horticultural Society, Westminster, London, S.W. Until May 15.

Thursday, May 14

North-East London District Pharmaceutical Association, Chemists' Exhibition, New Horticultural Hall, Westminster, London, S.W., at 3 p.m. Meeting. Address by Mr. W. J. Beardsley (member of the Society's Council).

Friday, May 15

Pharmaceutical Society of Great Britain, Croydon Branch, and Croydon Pharmacists' Association, Café Royal, North End, at 8.45 p.m. Annual general meeting.

Legal Reports

Powdered Gentian.—At Bishop Auckland Police Court, on April 30, Mr. Joseph Waters, chemist and druggist, was summoned on a charge of having sold powdered gentian root which, it was alleged, contained 30 per cent. of starch and other extraneous matter. Mr. W. R. Scursfield, prosecuting for the Durham County Council, said the fact that the drug was not largely used aggravated the offence, in his opinion. "It is a fraud of a particularly underhand kind," he added, "and the perpetrators of it should be made to suffer the full penalty of the law. Mr. Waters may argue that he did not prepare the drug and did not therefore know what he was selling, but it is the duty of any shopkeeper, particularly of chemists, to take every precaution in this respect to protect themselves with warranties from the firms from whom they make their purchases." Mr. E. G. Pickering, county inspector, gave evidence, and Mr. C. J. H. Stock, B.Sc., F.I.C., deposed to finding the starch and other matter in the drug. Mr. Jennings, defending, asked Mr. Stock if he would be surprised to hear that Mr. T. Tickle, B.Sc., F.I.C., Ph.C., public analyst for Devon, made an analysis from the same sample and certified 97 per cent. of gentian root and 3 per cent. of ginger root. Mr. Stock: I should be amazed. Witness added that he knew Mr. Waters as a chemist of irreproachable character. Mr. Waters, in evidence, said he had been in business for thirty-two years, during which time many samples had been taken without complaint. He bought the gentian in bulk, and the package from which the purchase had been made had been in the shop since 1929 without a single ounce having been sold from it. Powdered gentian root was sold only for cattle medicine. He dealt with first-class firms for all his goods and he always had a warranty, either implied or otherwise, but in this case he could not say definitely from which firm the root was purchased. Mr. Jennings protested against the suggestion of fraud being introduced into the case. The magistrates decided to impose a fine of 40s., including costs. They said it was most unfortunate that Mr. Waters had not got a proper warranty. On the other hand, it was unfortunate that the word "fraud" had been introduced into the case. Mr. Scursfield asked for the fee to be paid to Mr. Stock, and the magistrates retired again to consider that point. On their return they declined to alter their decision. Mr. Scursfield: I did not mean to suggest an allegation of fraud against Mr. Waters. The Chairman: Then I think the least said the soonest mended.

Action Against a Newspaper.—In the High Court, Dublin, on April 21, Mr. Justice Hanna and a jury commenced the hearing of an action in which Mr. Albert Leo McDermott, R.D., Dublin, sued the "Irish Times," Ltd., claiming damages for alleged libel. The publication complained of consisted of the report published in the "Irish Times" of the proceedings in the Dublin District Court on November 5, 1930, in which McDermott & Co., Ltd., were summoned at the suit of the Pharmaceutical Society of Ireland (C. & D., 1930, II, 608). The report published in the "Irish Times" contained the following:—

"Mr. Albert McDermott, the managing director of the company, said that he had no qualifications. He had no intention of opening a chemist's shop again. He was now practising as a dentist."

The defendants pleaded that the words complained of were a fair and accurate report. Mr. McDermott, giving evidence, stated in reply to Mr. Wood, K.C., who, with Mr. Joseph O'Connor and Mr. Barry T. O'Mahony, appeared for him, that in addition to being a registered druggist, he was qualified as an assistant to an apothecary, and that he was registered as a dentist. He denied that he had stated in the District Court that he had no qualifications. Replying to further questions, he said that as a dentist he had not had a single National Health Insurance patient since the publication complained of. Mr. T. M. Carey, who took shorthand notes of the proceedings in the District

Court and supplied reports for the trade journals, produced his original shorthand notes and read from them what he had taken down of Mr. McDermott's evidence. They did not include any statement by Mr. McDermott that he had no qualifications. Cross-examined, witness stated that he was morally certain that Mr. McDermott did not make such a statement. Mr. J. J. R. Kerr, registrar to the Pharmaceutical Society, stated that he had heard Mr. McDermott cross-examined in the District Court, that at the end of the cross-examination, Mr. Meeke, solicitor for the Society, put it to Mr. McDermott that he had no qualification—he thought the words were "no qualification whatever"—and that Mr. McDermott assented. He (witness) was perfectly clear on that, because he was waiting for Mr. McDermott to claim that the Apothecaries' Hall certificate was a qualification, but he did not claim it. Mr. Wood asked whether the question was addressed to Mr. McDermott in respect of his qualification as a pharmaceutical chemist. Mr. Kerr: Well, I took it that it was with regard to the subject-matter of the case. Was not the subject-matter of the case, so far as you were concerned, his qualification as a pharmaceutical chemist?—Quite so. Mr. Patrick A. Sheehan, who reported the proceedings in the District Court for the "Irish Times," stated that his report was not a verbatim report, but was an accurate summary of the evidence given. Asked by Mr. Fitzgerald, who, with Mr. Dockrell and Mr. Marnan, appeared for the defendants, whether he had heard Mr. McDermott say that he had no qualifications, witness replied: "No; Mr. McDermott did not say that, but it was put to him in the form of a question by Mr. Meeke, and he assented to it." Mr. Justice Hanna: Instead of putting it in the form of question and answer, you put it in narrative form?—I put it in narrative form, my lord. The hearing was adjourned.

On the resumption of the case on April 22, Mr. Justice Hanna, in charging the jury, said the important question they would have to try was whether the report in the "Irish Times" complied with the requirements of the law and was a fair and accurate report of the proceedings in the District Court. The Act of 1887 was passed to protect newspapers so long as they published reports which were fair and accurate. The jury would have to consider the whole report in relation to the subject-matter with which it dealt. There was no evidence that Mr. Sheehan, or anyone connected with the "Irish Times," had any malice or ill will towards Mr. McDermott. The statement in the report that Mr. McDermott had stated he had no qualifications must not be read by itself, but in conjunction with the whole report. If the jury thought that the report was not a fair and accurate one and constituted a libel they would assess damages. In doing so they would have to decide whether this was a case of a reputable trader with a *bona-fide* grievance or whether he was a man who thought that he had got a "catch" on the "Irish Times." If they thought that he had been maligned and seriously injured, the jury would give appropriate damages, which, he suggested, should be substantial. The jury, after an absence of twenty-five minutes, returned with a finding that the report in the "Irish Times" was substantially a fair and accurate report of the proceedings in the District Court. Mr. Justice Hanna gave judgment for the defendants, with costs.

New Companies and Company News

P.C. means Private Company and R.O. Registered Office.

SHOESMITH & Co., LTD. (P.C.).—Capital £5,000. Objects: To carry on the business of wholesale and retail manufacturing chemists. The directors are: F. Shoesmith and H. Shoesmith. R.O.: 61 Trossachs Street, Glasgow.

A. E. B. PRODUCTS, LTD. (P.C.).—Capital £1,000. Objects: To carry on the business of chemical

manufacturers, drysalters, etc. The first directors are: A. E. Burton, W. G. Gaines and J. W. Westwood. R.O.: Jubilee Works, Walsall Road, Willenhall.

BRADSHAW'S PHARMACY, LTD. (P.C.).—Capital £300. Objects: To carry on the business of chemists, druggists, etc. The directors are: S. J. Bradshaw, H. Turner and A. T. Raistrick. Solicitors: Burton, Scorers, White, Maynard-Page and Pattinson, 6A Silver Street, Leicester.

SCOTT & BOWNE, LTD. (Scott's Emulsion) has been acquired by the Ritchie-Shoemaker interests.

MR. J. W. HOCKLEY has joined Harrison, Clark, Ltd., 16 Water Lane, E.C.3, and is in charge of the drug and pharmaceutical department.

WILLIAM BLYTHE & Co., LTD.—The net profit for 1930 was £25,834 (against £33,364 for the preceding year), less reserve for taxation, £4,380; £1,963 has been added to depreciation reserve, and a final dividend is declared of 5 per cent. on the ordinary shares, making 8 per cent. (against 10 per cent.); £6,146 is carried forward against £5,960.

BOOTS PURE DRUG Co.—The directors announce that, subject to completion of audit, the net profits for the year ended March 31 last amounted to £722,264, compared with £724,869 for the previous twelve months. In addition to the four interim dividends already paid on the £1,500,000 ordinary capital, amounting to 24 per cent., less tax, a bonus of 1s. per share, tax free, or 5 per cent., will be paid to shareholders registered on May 4. This is the same as for each of the two preceding years.

Private Arrangements

Howard James Pellow, trading as C. H. Temple, 83 South Street, Eastbourne, chemist and druggist.—A meeting of creditors was held recently at the offices of the Association of Manufacturing Chemists, Kimberley House, Holborn Viaduct, E.C., when a statement of affairs was submitted which disclosed liabilities to trade creditors of £560 4s. 5d., and there were cash creditors for £793 5s. 8d. There were partly secured creditors for £924 16s. 6d., and after deducting the value of their security the ranking claim was £752 18s. There were total liabilities therefore of £2,106 6s. 1d. There were also fully secured creditors for £2,328 1s. 6d., and they held security valued at £2,500, leaving a surplus of £171 18s. 6d. The assets consisted of cash in hand £15 16s.; stock, £750, valued at £650; fixtures and fittings, £350; and book debts estimated to produce £1,000. There were total assets of £2,015 16s., from which had to be deducted preferential claims of £57 10s. 8d., leaving net assets of £1,958 5s. 4d., with a deficiency of £148 10s. 9d. It was reported that in October 1921 the debtor purchased the business carried on by his former employer. The purchase price was £2,500, and the debtor's capital was £600. He borrowed a further £1,500, and paid £2,000 down in respect of the price of the business, and arranged to liquidate the balance of £500 over a period of four years, this balance to carry interest at 5 per cent. When the debtor took over the premises the lease had eleven years to run at a rental of £150 per annum exclusive. The landlord died in 1926 and the debtor agreed to purchase the property for £2,900. He obtained one mortgage for £2,500 from a building society, and also obtained a loan from the bank of £900, and executed a second mortgage on the premises to them. The debtor attributed his position to being called upon to give long credits. After discussion the creditors resolved that the deed of assignment already executed in favour of Mr. Parkin S. Booth, as trustee, should be confirmed. A committee of inspection consisting of the representatives of The British Drug Houses, Ltd., Wm. Toogood, Ltd., Mr. F. W. Farr and Mr. Bouch, representing creditors, was also appointed. The following are the chief creditors:—The British Drug Houses, Ltd., £119; Bell, John, Hills & Lucas, Ltd.,

£39; British Colloids, Ltd., £12; Fassett & Johnson, Ltd., £44; Johnson & Johnson (Great Britain), Ltd., £30; Maw, S., Son & Sons, Ltd., £30; Oppenheimer, Son & Co., Ltd., £23; Parke, Davis & Co., £45; Toogood, William, Ltd., £61.

Gazette

Partnership Dissolved

WOOD, J., and RICHARDSON, G. F., 12 Back Lane, Horsforth, Leeds, manufacturers of livestock remedies, under the style of "Honest John (Livestock) Remedies."

Trade-Mark Applications

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Diary," 1931, p. 345.

(From "The Trade Marks Journal," April 5, 1931.)

"**GOLDEN MORN**"; for perfumery, etc. (43). "**DURALITE**"; for containers, lids, etc. (50). By The Dubairy Perfumery Co., Ltd., Goldstone Laboratories, Hove, Sussex. B520,162; 519,105.

"**FRANDS**"; for toilet soaps (43). By Frances R. Smith, 38 Avenue Road, Leicester. 520,764. (Associated.)

(From "The Trade Marks Journal," April 15, 1931.)

"**CARDOLEINE**"; for chemicals (1). By Gough, Kidston & Co., 43 & 45 Gt. Tower Street, London, E.C.3. 520,867.

"**GENASCO**"; for chemicals (1). By Blackwells & National Roofings, Ltd., 33 Brazenose Street, Manchester. 521,039.

"**TETRADOME**"; for chemicals (1) and (2). By The British Drug Houses, Ltd., 16 to 30 Graham Street, City Road, London, N.1. 520,322/323. (Associated.)

"**ROSEOMAR**"; for disinfectants (2). By Smith & Smith, Ltd., 27 Oswald Street, Glasgow. 521,179.

"4711"; "No. 4711"; for cold cream (3) and (43). By P. P. Mithens, Glockengasse 26, Cologne, Germany. 509,959/960/963/964. (Associated.)

"**HEPARIDEX**"; for medicinal chemicals (3) and food substances (42). By Heparidine Proprietary Ltd., 360 Collins Street, Melbourne, Australia. 519,513/514. (Associated.)

"**THERMOGENE**" with facsimile signature and label design incorporating brazier; for medicated wadding (3). By The Thermogene Co., Ltd., Queen's Road, Haywards Heath, Sussex. 520,025. (Associated.)

"**DYSPOR**"; for medicinal chemicals (3). By The Leyland Products Co., 1 Chapel Brow, Leyland, Lancashire. 520,824.

"**DISPELLO**"; for medicated snuff (3). By Ayrton Saunders & Co., Ltd., 34 Hanover Street, Liverpool. 520,843.

"**DAVULES**"; for medicinal chemicals (3). By M. R. Davies, The Pharmacy, Woodford Halse, Rugby. 521,233.

"**GOLDBLOCKS**" with picture of girl; for goods (47) and perfumery, etc. (43). By Cussons, Sons & Co., Ltd., Moor Lane, Kersal, Manchester. 520,319/320. (Associated.)

"**PRÉTAL**"; for perfumery, etc. (43). By Skinetolin Co., Ltd., 15 Kirkwood Road, London, N.W.1. 519,235.

"**MILADY 'TOILET SOAP'**" with picture of lady with a Cupid train-bearer; for perfumed soap (43). By T. Hedley & Co., Ltd., Phoenix Buildings, Collingwood Street, Newcastle-on-Tyne. B519,219.

"**LIU**"; for perfumery, etc. (43). By Guerlain Parfumeur, Ltd., 93 Great Titchfield Street, London, W.1. 520,256.

Facsimile signature "**JEANNIE CHANDOS**"; for perfumery, etc. (43). By Jeannie L. Chandos, 93 Grove Park Terrace, Chiswick, London, W.4. 520,576.

"**PETITE-OBOY**"; for face powder and rouge (43). By Elizabeth Arden, Ltd., 25 Old Bond Street, London, W.1. 520,635.

"**MOTIX**"; for cleaning preparations for teeth and dentures (43). By W. Robinson, 23 Haymarket, London, S.W.1. 520,926.

Council Candidates

WITH this, the fourth instalment of biographies of candidates for the seven seats vacant at the forthcoming Council election, we conclude the series commenced in our issue of April 18 (p. 450), and continued in those of April 25 (p. 486) and May 2 (p. 510), twelve of the thirteen candidates having responded to our request for details.

Mr. Thomas Marns

was born in Sunderland, and on the completion of apprenticeship to Mr. Charles Ranken, Ph.C., went as



MR. T. MARNs

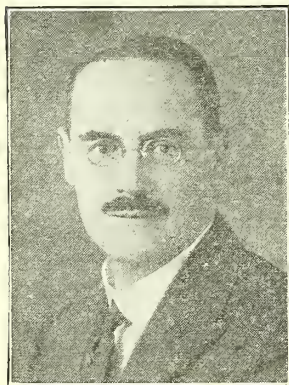
an assistant, first to Mr. H. Fairburn, Northallerton, and next to Collis & Williams, Valetta, Malta. While there he passed the examination for "Assistant Apothecary in the Island of Malta and its Dependencies." Returning to England, he entered Westminster College, gained the medals in pharmacy and materia medica, and qualified in January 1910. The following five years were passed in the service of Boots, Ltd., four of them as a branch manager at Southampton. During the period he was prominently identified

with the Southampton Pharmacists' Association. In 1915 he acquired the business in Ealing, which he has expanded into a flourishing concern. He is also interested in other businesses in the West of London. Mr. Marns is a member of the retail section of the Council of the P.A.T.A., immediate past-chairman of the Middlesex Pharmaceutical Committee, a past-president of the Ealing and District Pharmacists' Association (in which he has filled every office), and a founder member of the Ealing Rotary Club. Since he was elected to the Council of the Pharmaceutical Society nine years ago, he has only missed one meeting—and that through illness. He is the chairman of the Law Committee, and also serves on the Organisation and Publications Committees and the British Pharmaceutical Conference Executive.

Mr. Marns adds that he is anxious to be re-elected in order that he may continue to look after the interests of the retail chemist, "who is, after all, the backbone of our Society."

Mr. Frederick George Wells

was born in 1888, and was educated at Maidstone Grammar School. After being apprenticed to his father,



MR. F. G. WELLS

Mr. W. G. Wells, Maidstone, he went to Mr. Chesterfield, Gillingham, and from there to Mr. S. W. Dawson, West Norwood, during which time he attended evening classes at Lucas's College of Pharmacy; after a three months' full course he passed the Qualifying examination in 1911. Then followed a spell of *locum* work before going to Howard & Son, Tunbridge Wells. Mr. Wells afterwards came to London, and after seven years' experience with Lewis & Burrows bought his present business at Battersea in 1919.

Recently, in conjunction with Mr. J. E. Evans, he

purchased the old-established business of J. Rayner & Son, Uxbridge, to which has since been added the goodwill and books of Mr. F. H. Quadling on his closing his pharmacy and retiring. Mr. Wells is also in partnership with his father at Gillingham, Kent, they having purchased the business of the late Mr. A. Stooke. During the war he assisted in forming the Wandsworth Sanitary Section, which later developed into the Pharmacists' Volunteer Training Corps, and rose to the rank of sergeant-major. On going to South-West London Mr. Wells joined the local association; since then he has served in every official position on that body, including that of president for 1925-27; he has also been secretary of the local branch of the Retail Pharmacists' Union, and has held the position of chairman. At present he is treasurer to three bodies. Mr. Wells sends the following statement:—

I am still actively engaged in retail business, and thoroughly appreciate the many difficulties that may be caused to the man behind the counter if the Pharmacy and Poisons Bill is passed as at present drawn up; I am in full agreement with the remainder of my colleagues on the Council in their endeavours to obtain suitable amendments to make the Bill acceptable. For further policy I must refer you to the manifesto issued in conjunction with my colleagues who are seeking re-election, and who are prepared to continue to give their time and efforts to help the cause of pharmacy.

Mr. Herbert Skinner, Ph.C.

was first elected to the Society's Council in 1916, and since then has been in the thick of the fight. He has been chief pharmacist for thirty-five years at the Royal Northern Hospital, Holloway, N., which is noted among the London hospitals for the efficiency with which the dispensary is managed. Mr. Skinner is a Lincolnshire man. He was apprenticed in Nottingham, and afterwards served as an assistant in Sheffield, Burton-on-Trent, Worthing, and London. He passed the Qualifying examination in 1891, and afterwards the Major when he was engaged in the dispensary at Guy's Hospital. Mr. Skinner edits the "Script," "dispensed monthly" to chronicle the doings of London chemists' associations. He accepted some years ago the secretaryship to the trustees of the Fairchild Scholarship and reorganised it on its present basis. London drug-trade sports and those of the British Pharmaceutical Conference owe much to Mr. Skinner, the sports day of the Conference having firmly established itself as one of the prime features of that week's events. In 1926 he was elected vice-president of the Pharmaceutical Society, and he held office as president in 1927-29. Mr. Skinner is one of the signatories to the joint statement issued by the seven candidates who are seeking re-election. He also writes:—



MR. H. SKINNER, Ph.C.

You ask me whether I can give reasons why the pharmaceutical electorate should vote for me at this election. It would be easier to give the reasons why they should not, as it would occupy less space. My work representing the Council at the present time is sufficiently intense, exacting and pleasing that I should be sorry to drop the reins before the goal is reached. I can yet do something to bring the Codex to fruition. Routine work does not fascinate me overmuch, but

on the Pharmacy and Poisons Bill I am at one with my colleagues; that is my joy in team work, which is much better than vote-snatching. In a crisis it is a far better thing to trust men we know than fly to others who just want to step into shoes before they are empty. Fortune may favour us, and wonderful people with borrowed mantles will claim wonderful things and knowingly say, "We told you so." To me it does seem too pitiful for words that we appear to be fighting each other when in front, behind and on both flanks are eager folk earnestly seeking to snatch our clothing without earning it. The Council has done, and is doing, good work for pharmacy, worthy of good report and support. We have not yet said the last word on craft consciousness. Research and pharmacology open new fields for pharmacy with substances diagnostic and remedial, and much depends on our imagination and forethought whether we seize our opportunities or leave them to others. Economically it is hard to make two ends meet, and unless we become more class conscious they never will meet. Progress in pharmacy, like other things in common interest, is not personal, but co-operative. Health and fitness are allies of pharmacy; the physician is a better physician for association with pharmacists, while the surgeon, too, is deeply indebted to pharmaceutical research. That is my mode of thought at this election. I shall appreciate every vote given to me because I am a pharmacist. I love pharmacy, and I thoroughly enjoy myself working for pharmacists, and giving a hundred-per-cent. value for confidence received. There is always joy in work well done.

Retail Pharmacists' Union

MEETINGS of the Executive of the Retail Pharmacists' Union and Chemists' Defence Association were held at 4 and 5 Queen Square, London, W.C.1, on April 28.

APPOINTMENT OF OFFICERS

Mr. W. H. Clubb was unanimously appointed chairman for the ensuing year. Mr. F. D. Phillips was elected vice-chairman, and Mr. P. Rowsell was re-elected treasurer.

PHARMACY AND POISONS BILL

A report was received from the secretary regarding action taken in connection with the statement made by Lord Ponsonby in the House of Lords regarding certain individuals in pharmacy. Lord Ponsonby had readily agreed, in addition to correcting the report of the proceedings, to make a personal statement on the report stage of the Bill showing that he had no intention of casting a slur upon pharmacists.

The Executive received a report upon the result of the postcard referendum which had been sent to proprietor pharmacists in England and Wales asking them to say if they were in favour or not of the R.P.U. pressing for rejection of the Pharmacy and Poisons Bill.

Total cards issued, 8,189; number of cards returned, "Yes," 5,497; "No," 101; Blank, 11; total, 5,600.

CONSUMERS' COUNCIL BILL

The secretary reported that this Bill had received its second reading, and drew attention to the attack made upon pharmacy during the debate. It was decided that the further progress of the measure should be closely watched.

C.D.A. Matters

The secretary reported that of the fourteen cases outstanding since the last meeting of the directors, six had been settled as follows:—(1) Eczema alleged to have been caused by "old" ointment supplied by member; claim settled by payment of £175. (2) Illness caused by zinc sulph. supplied for mag. sulph.; five claims settled by payments of £1 10s., £1 1s., £2 2s., £3 3s. and £15 respectively. (3) Damage to taxi caused by cycling errand-boy; claim settled by payment of

£1 14s. 10d. (4) Injuries to knee caused by fall over member's doorstep; claim settled by payment of £6. (5) Damage to car by cycling errand-boy; claim settled by payment of £2 13s. 4d. (6) Damage to clothing burned on member's gas ring; claim settled by payment of £5.

Eleven new cases had arisen, but settlements had been effected in eight of these:—(1) Injury to eyes caused by wrong lotion supplied; claim settled by payment of £12 12s. (2) Dermatitis caused by hair dye; claim settled by payment of £4 4s. (3) Damage to car caused by cycling errand-boy (two cases); claims settled by payments of £2 7s. 9d. and £2. (4) Coat torn on packing case outside member's shop; claim settled by payment of £4 4s. (5) Clothing torn by mudguard of shop cycle; claim settled by payment of 7s. 6d. (6) Injuries caused by fall down basement stairs; claim settled by payment of £17 10s. (7) Injuries caused by cycling errand-boy; claim settled by payment of £1 5s. (8) Damage to clothing burned by member's gas stove; claim settled by payment of £3.

The secretary reported that two members had been defended in respect of summonses under the Food and Drugs Act. Both had been fined.

Branch Meetings

Southampton.—The annual meeting of the Southampton and District Branch of the Retail Pharmacists' Union was held on April 23, Mr. W. J. Fisk in the chair. The chairman reported that three meetings had been held during the year and one joint meeting with the local Branch of the Pharmaceutical Society. Although it was desirable to hold more meetings, it was difficult to secure the attendance of members. The treasurer reported a balance in hand of £2 14s. 9d., and it was decided to continue the Branch subscription of 2s. 6d. per member. The following officers were elected for the ensuing year:—*Chairman*, Mr. S. G. Prothero; *Vice-Chairman*, Mr. R. Leeson; *Treasurer*, Mr. E. T. Moxham; *Secretary*, Mr. W. W. Atkinson; *Auditor*, Mr. H. R. Hussey.

Festivities

Exeter Dinner

THE annual dinner of the Exeter and District Branch of the Pharmaceutical Society was held at the Rougemont Hotel, Exeter, on April 29, Mr. J. W. Lake in the chair. Mr. H. Wippell Gadd submitted the toast of "The Pharmaceutical Society of Great Britain and Kindred Associations." He said the Society had carried out statutory duties thrust upon it with impartiality, efficiency and without cost to the State. There was grave danger of some of those functions being taken away. Mr. A. R. Melhuish (president of the Society) received a warm welcome on rising to respond. He said that the Pharmacy and Poisons Bill was the important and outstanding topic in pharmacy. The consensus of unbiased opinion was that prescriptions should be dispensed by a person who was trained, experienced and qualified. So far as negotiations were concerned, they had practically exhausted their powers, but he was hopeful, even at this late stage, that the Department concerned would come forward with a gesture to pharmacy and agree to what might otherwise be obtained by fighting on the floor of the House of Commons. As to the question of automatic machines, they considered that the recent Court decision (*C. & D.*, May 2, p. 508) should be covered in the new Bill. Mr. Philip F. Rowsell, proposing "The Visitors," said that the Society was putting up a fight, not only for pharmacy, but in the interests of the general public. Mr. A. H. Ware, responding, referred to the School of Pharmacy, Plymouth, and said that he hoped that the local authority would improve the equipment. The dinner was arranged by Mr. F. Southerden and Mr. A. C. Milton (secretaries).

British Pharmaceutical Conference

WE understand that the final draft of the programme for the forthcoming meeting of the British Pharmaceutical Conference is being considered by the Executive as we go to press. The programme opens with a civic reception by the Lord Mayor and Lady Mayoress at Manchester Town Hall on the evening of Monday, July 20. About 1,000 visitors are expected to be present, and members of the Local Executive are anticipating a memorable event. The design on the badge in one of our illustrations shown below is that of the City coat of arms; each visitor will receive a badge with a gilt finish, while those used by members of the Local Executive will have a silver edge.

Ladies' Excursions

Lady visitors will have a choice of three excursions on Tuesday afternoon, July 21. One party is to visit McVitie & Price's Biscuit Works, Levenshulme. Another party may visit the works of Messrs. Cussons at Kersal Vale, Manchester, and after visiting the works they will be entertained to afternoon tea by Mr. T. Cusson. For those who do not care to go so far afield, a special visit has been arranged to Chetham's Hospital and the Cathedral.

Conference Tickets

Each book of tickets for the entire programme costs £2 12s. 6d., and those applied for before July 1 will be subject to a special discount. Early application for tickets will be much appreciated by the local Committee. Full details of the official programme, together with a warm invitation, will shortly be in the hands of many members. A record attendance is hoped for and expected. If hard work and enthusiasm on the part of the local committee can ensure it the success of the meeting is certain.

Hotel Accommodation

There is not an excessive amount of hotel accommodation available in Manchester, and early application is advisable. All conference visitors should apply direct to the hotel chosen not later than July 1, stating that



Photo 1

LADIES' COMMITTEE WITH THE CHAIRMAN OF THE LOCAL EXECUTIVE

Seated (left to right): Mrs. Simmons, Mrs. Miller, Mr. E. H. Simmons, Mrs. Stabler, Mrs. Spratt.
Standing (left to right): Mrs. Cleworth, Mrs. Dickson, Mrs. Collins, Mrs. Franklin, Mrs. Maskell, Mrs. Breese, Mrs. Walmsley.

(Cleworth)

they are of the Conference party. Should there be any difficulty in securing accommodation, visitors should write direct to Mr. T. Miller, "Lauriston," Nursery Avenue, Hale, Cheshire. The following hotels are available, and the charges include bed and breakfast:—

Deansgate Hotel, Deansgate	... 9s. and 10s. 6d.
Exchange Hotel, Fennel Street	... 10s.
Grand Hotel, Aytown Street	... 12s.
Grosvenor Hotel, 2 Deansgate	... 12s. 6d.
Queen's Hotel, Piccadilly	... 14s. 6d.
Victoria Hotel	... 10s. 6d.

All these hotels are central, with garage accommodation adjacent. The Conference Headquarters will be at the Midland Hotel



Photo 1

A LOCAL EXECUTIVE COMMITTEE GROUP

(Cleworth)

Back Row (left to right): J. Lyle-Davison, T. Miller, D. Lewis, W. F. Cuttifford, J. R. Goldthorpe, E. Walters, J. S. Breese.
Second Row (left to right): L. E. Beedle, A. Maude, H. Stout, Mrs. Breese, A. E. Thorpe, Mrs. Maskell, R. B. Maskell, Mrs. Cleworth, E. Barker, Mrs. Collins, J. W. Wood, Mrs. Walmsley, W. Edwards, Miss Duncan, J. R. Walmsley.
Front Row (left to right): J. H. Nidd, Mrs. Dickson, W. I. Scholes, Mrs. Stabler, D. Dickson, Mrs. Franklin, E. H. Simmons, Mrs. Miller, E. H. Kerfcoat, Mrs. Simmons, E. Stabler, Mrs. Spratt.



THE CONFERENCE BADGE

Trade Notes

WASP FLYBANDS are manufactured by F. W. Hampshire & Co. (1927), Ltd., Sunnysdale Works, Derby.

BYRLCREEM is the name of an attractively packed hair cream manufactured by the County Perfumery Co., Birmingham.

AMO SHAVING CREAM is a new product which has been placed on the market by Amo Safety Razor Blade Co., Ltd., Broad Street House, London, E.C.2.

OXYGEN.—British Industrial Gases, Ltd., 34 Victoria Street, London, S.W.1, offer a twenty-four hours' return service of oxygen guaranteed 99.5 per cent. pure.

MORGAN'S POMADE.—The Marie Antoinette Co., Ltd., 149 Junction Road, Upper Holloway, London, N.19, announce that a new package is shortly being adopted for this well-known proprietary.

SEAJOY SEASICKNESS PLASTERS have achieved great popularity on account of their efficacy in preventing travel sickness. They are obtainable through the usual wholesale channels or from The Seajoy Co., Putney, London, S.W.15.

LITTLE'S LIVER SALT.—C. Tolkien & Co., Ltd., Silsden, Yorks, and 461A Caledonian Road, London, N.7, ask chemists to use the coupon published in their advertisement in this issue when writing for the company's lowest quotation for Little's liver salt.

THE MEDWAY CORRUGATED PAPER CO., LTD., Blackfriars House, New Bridge Street, London, E.C.4, who are actual manufacturers of this form of packing material—from British raw materials only, it should be noted—are now supplying it in the form of containers of various shapes and sizes.

SUMMER LINES.—The General Optical Co., 120 Clerkenwell Road, London, E.C.1, have brought out a leaflet dealing with anti-glare spectacles, sports eye-shades and prism binoculars. The See with Ease spectacles, which proved highly popular with chemists last summer, are supplied on attractive cards holding one dozen.

HIRST, BROOKE & HIRST, LTD., manufacturing chemists, Leeds, announce that in order to speed up the despatch and delivery of their goods they have arranged for comprehensive stocks to be held by the Cyona Co., Ltd., Didcot, Berks, and by the H. T. Drug Co., Whitehaven. A list of the counties covered by these selling agents is given in the advertisement pages of this issue.

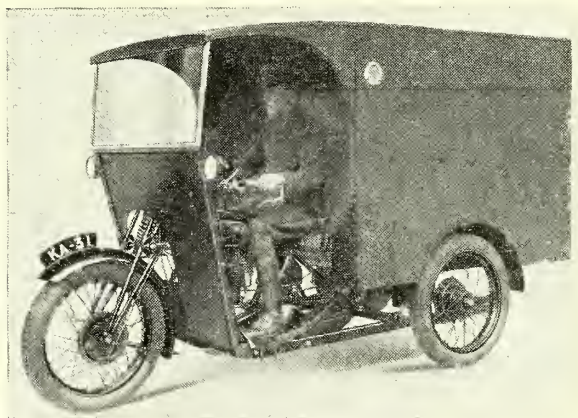
PASTIX.—We have received from Johnson & Sons, Manufacturing Chemists, Ltd., Hendon Way, Hendon, London, N.W.4, samples of Pastix paste; this useful preparation is obtainable in 6-oz., 12-oz. and 24-oz. bottles and in ½-gallon and 1-gallon jars.—The company are conducting two competitions in connection with their Daylight paper. The closing date of the first (any subject) is July 31 and that of the second (holiday snapshots) is October 31.

INDUSTRIAL DEVELOPMENT.—Leopold Farmer & Sons, surveyors, 46 Gresham Street, London, E.C.2, have sent us a plan of the extensive freehold industrial estate known as the Southall, Middlesex, estate. The estate, which is to be sold in one or more lots, covers about seventy-four acres, and contains a number of substantially constructed factory buildings, a railway station and canal docks. Orders to view and further particulars may be obtained on application.

BAROLAC.—Burroughs Wellcome & Co., Snow Hill Buildings, London, E.C.1, inform us that Barolac is the name given to a 30 per cent. suspension of Wellcome brand barium sulphate. The smoothness of the suspen-

sion, in conjunction with the absence of taste or smell, makes the addition of flavouring agents unnecessary, but if it is desired vanilla, saccharin or cocoa may be added. The preparation is issued in Winchester quarts.

DELIVERY PROBLEMS.—The Raleigh Cycle Co., Ltd., Lenton, Nottingham, have sent us some particulars regarding their Karryall light delivery van, to which reference was recently made in the *C. & D.* The general design of this new van differs considerably from the usual type, in that three wheels only are employed. The front part of the vehicle closely follows motor cycle practice, and steering is by means of handlebars. Among the many advantages such a vehicle offers are low first cost, petrol and oil consumption is extremely light, the Road Fund tax is in most cases halved as compared with the ordinary four-wheeler, and third-party insurance can be effected at reasonable pre-



miums. Owing to its low petrol consumption it is a vehicle ideally suited for town delivery and short distance work where numerous stops and restarts have to be made. Moreover, over the worst types of road surfaces, it has been proved that the most fragile of goods can be safely carried without risk of breakage. The complete vehicle is sturdily built and is of handsome appearance, the body-work being covered with either red or green Rexine. The carrying load is 5 cwt., but the actual capacity of the goods compartment is considerably greater than usual, the inside dimensions being: length 3 ft. 8½ in., height 3 ft. 7½ in., and width 3 ft. 11 in. Double doors are fitted at the rear.

PARFUMERIE DE FLEURY, Sentinel House, Southampton Row, London, W.C.1, announce elsewhere in this issue that they are arranging at the Chemists' Exhibition a stand resembling the Arc de Triomphe in Paris. The products to be shown are complete ranges of fine perfumery and toilet requisites, with attendant striking display matter. The styles of presentation are claimed to be of unusual artistic merit. Mr. W. H. Gibson, sales manager, will be at the stand to welcome his many friends.

HOUSEHOLD DYES.—The United Indigo and Chemical Co., Ltd., Longroyd Bridge, Huddersfield, have recently introduced a new range of household dyes under the name of Winning Colours. The company claim that these products are unequalled for strength, beauty and correctness of tone, uniformity of shade on wool, cotton, silk and viscose artificial silk, and simplicity of application. Each carton contains a little tablet and a tube of powder. This tablet does away with the necessity of adding anything further to the dyebath, and gives the best and safest results. Shade cards and other particulars are available on application.



THE CHEMIST AND DRUGGIST

RETAIL & DISPENSING

PRICE LIST

based on definite costing principles

ISSUED QUARTERLY TENTH YEAR OF PUBLICATION

THE drug index for the month of April fell by one point to 126.5. This was mostly due to the change in bismuth. In surgical dressings there was no change in the index from that of March (158.6). Comparatively few alterations occurred in the cost of drugs and chemicals which could be passed on to the consumer. The main changes are as follows:—

Cost			Selling Price			
			16 oz.	4 oz.	1 oz.	1 dr
d.	per		s. d.	s. d.	s. d.	s. d.
36	lb.	Copaiba opt. . . .	4 6	1 5	0 5	0 1
60	oz.	Ext. opii siccum B, F	—	—	—	1 4
26	lb.	Gran. paradisi pulv. . .	3 3	0 11	0 3½	—
57	ib.	Lin. methyl salicylatis . .	—	2 0	0 7	0 1
84	lb.	Lin. opii . . B, ex F	—	3 0	0 10	0 2
90	lb.	Lin. opii ammoniatum B, ex F	—	3 2	0 11	0 2
39	lb.	Lin. opii meth. . . B, ex F	—	1 4	0 5	0 1
20	oz.	Liq. adrenalini hydro- chloricus . . .	—	—	2 11	0 5
33	lb.	Syr. aurantii . . .	—	1 7	0 5	—
36	lb.	Syr. glycerophosphatum flavus . . .	6 0	1 9	0 6	0 1
69	lb.	Tr. opii . . . B, F	—	2 5	0 8	0 2
63	lb.	Tr. opii B.P. '98. . . B, F	—	2 4	0 8	0 2
48	lb.	Tr. opii aq. (1% morph.) B, F	—	1 9	0 6	0 1
78	lb.	Tr. opii deod. U.S.P. B, F	—	2 10	0 13	0 2

Births

Notices for insertion in this column must be properly authenticated.

LUNN.—At "Inglenook," Sudbury Court Road, Harrow, on April 22, Hilda, the wife of Arthur Lunn, M.P.S., 316 Kilburn Lane, London, W.9, formerly of Ilkley, Yorkshire, of a son.

Marriages

OTLEY—RICHARDSON.—At the Church of St. Philip and St. James, York, on April 29, by the Rev. C. T. Alexander, Reginald John Sellars Otley, chemist and druggist, eldest son of the late Mr. John Otley, chemist and druggist, "South Haven," Filey, to Catherine Ena Richardson, chemist and druggist, elder daughter of the late Mr. Kenneth Richardson, "Mayfield," Clifton, York.

PEACE—MELLOR.—At Wesley Church, Cadishead, Manchester, on April 29, by the Rev. Simon C. Hall, Ernest A. Peace, chemist and druggist, son of Mr. Ira Peace, M.P.S., Irlam, to Dora Mellor.

STEPHENSON—JOHNSON.—At All Saints' Church, Stamford, on April 21, Joseph Leonard Stephenson to Molly, youngest daughter of Mr. G. Arthur Johnson, chemist and druggist, Stamford.

Deaths

BAILEY.—At Hornsey Central Hospital, on April 13, Mr. Thomas Harvey Bailey, Ph.C., 40 Avenue Road, London, N.6, aged fifty.

CHIPCHASE.—At Isleworth, on April 8, Mr. Charles Herschel Chipchase, chemist and druggist, aged seventy-five.

ELDRED.—At Shrewsbury, on April 15, Mr. Charles William Eldred, chemist and druggist, aged sixty-one.

NISH.—At Sydney, N.S.W., on March 20, Mr. William McInnes Nish, Ph.C. Mr. Nish qualified as a chemist and druggist in Edinburgh in 1905.

PITT.—At Minehead, recently, Mr. Joseph Wilfred Pitt, chemist and druggist, aged twenty-four.

STURCH.—At Stoke, Devonport, on April 16, Mr. Harry Howes Sturch, Ph.C., aged sixty-two.

TAYLOR.—At Olivia Drive, Leigh-on-Sea, on April 29, Mr. Reginald C. Taylor, aged thirty-six. Mr. Taylor joined the staff of Potter & Clarke, Ltd., in 1912, and served for some years in the buying department of the company. He served in the Army during the greater part of the recent war, and afterwards rejoined Messrs. Potter & Clarke. In April 1925 Mr. Taylor started travelling for them in Birmingham and the Eastern Counties, and he was in this position up to the time of his death. He leaves a widow. The funeral took place at Sutton Road Cemetery, Southend-on-Sea, on May 2.

WALKER.—At Hobart, Tasmania, recently, Mr. Albert Storrs Walker, Ph.C., aged fifty-seven. Mr. Walker carried on for a time the business of Lund & Co., Penny Street, Lancaster, but disposed of it before the war to Mr. A. T. Maxwell, chemist and druggist. His health broke down through war work, and he travelled in Canada for some time before going to Tasmania. He leaves a son.

YEATES.—At Stourbridge, on April 26, Mr. Alfred Yeates, chemist and druggist, aged seventy-three. Mr. Yeates went to Stourbridge as dispenser to a medical man, and a few years later established a business in High Street. He is survived by two sons and a daughter.

Personalities

MISS ANNA C. HOGG, elder daughter of Mr. Andrew Hogg, chemist and druggist, formerly of Annan, Scotland, and now of Petersham, New South Wales, who emigrated six years ago, has graduated B.A. (Sydney) with first-class honours and the University medal in logic and mental philosophy.

MR. ALBERT C. BINGHAM, senior representative of Robinson & Sons, Ltd., Chesterfield, is relinquishing his regular journeys in Lancashire, Scotland and Ireland. Mr. Bingham, who entered the company's office in 1883, has been a representative for forty-five years. He is now residing at "Alma," Clock Road, Gourrock.

MR. H. J. MACMILLAN, Coltart Road, Liverpool, who contributed an interesting article on the conditions of business in the Argentine to THE CHEMIST AND DRUGGIST in 1914, has issued a pamphlet setting forth the merits of Latinesco, an international language of which he is the inventor. Mr. Macmillan claims that Latinesco is quite easily learned.

MR. A. HARBURN, Ph.C., and MRS. HARBURN, Bishop Auckland, recently celebrated their golden wedding. Mr. Harburn, who commenced his pharmaceutical career as an apprentice to his father, succeeded to the business (which was founded by his grandfather and is now controlled by his son) in 1880. He is a connoisseur of pottery and porcelain, of which he has a noted collection.

Observations and Reflections

By Xrayser III

Robot Salesmen

would appear, according to the recent judgment in the King's Bench Divisional Court (*C. & D.*, May 2, p. 508), to be outside the law dealing with the sale of poisons. On reading carefully the report of the case appealed against, in which a chemist had been convicted because he sold a poison through the medium of an automatic machine, I am not surprised that the appeal was allowed. Quite obviously, the Section under which the proceedings were taken was not intended to, and does not, hit at the alleged illegality, and it is difficult to imagine judges of the High Court stretching the meaning of the words of the Section to such an extent as the Pharmaceutical Society asked. At the same time, a difficult situation exists in this matter, and it is important that the public safety should not continue to be endangered by the possibility of people being able to help themselves without question to poisonous substances. This seems to me, however, to be a matter requiring the attention of the Government department which is displaying such anxiety to secure control of the supply of poisons; and I see no reason why the Pharmaceutical Society, having done its best under existing law to protect the public against misadventure through the use of automatic machines, should assume the burden of seeking fresh legislation. If there is to be a Poisons Board, let it attack the problem as one of its first duties, unless the Government is disposed to pass a short Bill making it illegal for scheduled poisons to be sold except by direct human agency.

Lord Ponsonby

is unfortunate in his verbal slips. You published letters in your issue of April 25 (p. 473) in which his private secretary disclaimed, on his behalf, any intention of slandering pharmaceutical chemists generally by his reference to "people of a low moral standard," and he has since made the *amende honorable* in the House of Lords (p. 519). But, almost immediately, he appears to have put his foot in it again, by speaking of "so-called dispensing in hospitals," and I am not at all surprised that Mr. Herbert Skinner should have protested vigorously, in his letter to you (p. 526), against such an invidious remark. It was exceedingly unfortunate that Lord Ponsonby should have let the word "so-called" slip into his remarks, because it has obviously produced the impression that, in his mind, dispensing in hospitals is inferior to that in shops.

Another Place

will now become the arena where the pharmacy and poisons battle is to be fought out, and I await with interest not unmixed with anxiety information respecting the nature and extent of the opposition with which it may meet. Most of the talk about opposition, particularly that emanating from candidates for the Pharmaceutical Council, may be expected to count for little, and I should not feel disposed to place much value upon the worrying of members of Parliament with postcards and what may be termed form letters. Such means of influencing opinion are largely, if not entirely, out of date, and the receipt of a large number of similar communications by an individual M.P. simply conveys to him the idea that so many people are interested in the matter about which they write. Effective opposition must necessarily depend upon the willingness of one or more members to interfere with the progress of the Bill, and to move its rejection formally on the rare occasions when opportunity for so doing presents itself. It must be remembered, too, that, apart from any opposition to the measure which may be arranged by pharmacists, there

are other important interests at work, in the hope of being able to secure amendment of the Bill to their advantage. This is probably where the greatest danger to pharmacy lies, that the Bill may become law in spite of anything that pharmacists can do to prevent it, but with such further amendment as may render it much less acceptable to us than it is at present.

In Your Issue

of May 2 (p. 512) you provide, as you have done so frequently in the past, a contribution to the history of the mortar to which I alluded in the same issue. The stone mortar has not attracted the same attention as those of bronze and brass, because its form cannot be varied or decorated to the same extent. It is, nevertheless, not uninteresting, if only because it has been throughout generations employed for the grinding of grain, perhaps more generally than for compounding drugs and grinding minerals. My note on Robinson Crusoe shows that Defoe was quite familiar with the article. But stone mortars as well as those of bronze and lead were known in the time of Pliny, and hollow stones with stone pestles have been recovered during excavations for archaeological purposes. A remarkable one was illustrated some years ago in your own columns (*C. & D.*, 1913, I, 162). The stone or marble mortars, such as that belonging to Mr. Morgan James, vary quite considerably in size. The largest I have seen has an internal diameter of 18 inches; the external diameter is 25 $\frac{3}{4}$ inches, and the inside depth is 12 $\frac{1}{2}$ inches. The smallest (other than alabaster, agate and similar ones) I have heard of is the one mentioned by Mr. Rowed in his article in *THE CHEMIST AND DRUGGIST*, 1914, I, 145, which is 7 inches in diameter and 4 $\frac{1}{2}$ inches high. I have a white marble one about the same size as Mr. James's, as well as a small one in so-called Derbyshire marble (crinoidal limestone) measuring 9 inches by 5 $\frac{3}{4}$ inches.

Among the Odds and Ends

with which young and old people who have the spirit for curio hunting concern themselves there are few more interesting than "tokens," which you have referred to in the Commercial Compendium. There were two periods during which these pseudo-coins were in circulation, namely, in the second half of the seventeenth century, and in the last decade of the eighteenth century. At a much earlier date tokens of lead and leather were in circulation. After the decease of Charles I there was a serious shortage of small change; consequently people engaged in trade were compelled to issue silver tokens of the value of a halfpenny bearing the name and some indication of the calling of the issuer. The earliest of these are dated 1648, and the latest 1673. Many of these were provided by the inns and taverns of the metropolis; there were, however, large numbers put forth by chandlers, grocers, drapers, shoemakers, as well as others, including peruke-makers and apothecaries. These silver halfpennies are much more desirable than the copper tokens of a century later. They are not uniformly round as are the copper ones; many are round, but there are also square ones as well as octagonal and, even, heart-shaped ones. The designs include the issuer's name, an emblem (generally the arms of his guild, indicating his trade), the date, the value of the piece, and sometimes a motto. I have notes of several apothecaries' tokens of that period; on these there appear either the apothecaries' arms (Apollo with his bow and arrow and serpent), or "a pot of lillies," or a mortar and pestle. The facetiousness of the period makes its appearance now and then by mottoes such as this (on a square token), "Square dealing is best."



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Editorial Articles

The Pharmacy and Poisons Bill Moves On

THE third reading of the Pharmacy and Poisons Bill took place in the House of Lords on April 30. On May 4 it was set down for a second reading in the House of Commons. Though the second reading did not take place, the position has become acute owing to the numerous undercurrents which have developed. The case for the Pharmaceutical Society was very poorly stated in the House of Lords. During a consultation (or more than one) between officialdom and a medical committee pharmacists were left outside "on the mat." This committee was frankly resistant to the clause on dispensing of medicines being included. By that decision the Government position was strengthened. On the question of unqualified vendors' registration, anyone who applies to sell the poisons in the second list

can, as matters stand, be registered; the Government refuses to give way. On the report stage in the Lords several amendments were accepted, one of which was useful as an addition to Clause 24; it states:—

“ Provided that any order confirming with amendments the Poisons List as submitted to the Secretary of State by the Poisons Board, or amending or varying the Poisons List otherwise than on the recommendation or with the concurrence of the Poisons Board, or making rules under Section 21 other than the rules recommended by, or concurred in by, the Poisons Board, shall, when so laid before each House of Parliament, be accompanied by a statement of the reasons of the Secretary of State for so making such an order or rules without the concurrence of the Poisons Board.”

This provides a safeguard which can be made exceedingly effective regarding a poisons list or rules governing listed sellers; but this is an exception to the general trend of the Bill.

The Main Point

From the time of the issue of the Departmental Committee's report till now we have not ceased to point out certain grave objections to the Bill, commencing with its draft. In our issue of March 22, 1930, we called attention to “ the extraordinary attitude ” towards the sale of agricultural and horticultural poisons and poisonous substances adopted by the Committee, and added, “ an even greater laxity is, apparently, to prevail by the abolition of any system of selection in regard to the vendors.” At a later date we have specified the irreducible minimum that should constitute the last word from those who represent pharmacy. On page 537 of this issue we give the result of a postal vote taken by the Retail Pharmacists' Union, showing a decisive—indeed, an overwhelming—majority for rejection of the Bill as it stands. The question for the Council of the Pharmaceutical Society, in this grave crisis, is whether it will adhere to its recently announced policy of making every effort to prevent the Bill from becoming law.

After the Watkinson Case

We are not surprised to find that the judgment of the Divisional Court in the Watkinson case on April 24 has attracted the attention of the legal world. “ The Solicitors' Journal,” commenting upon the decision as being one of “ exceptional interest and importance,” says that it “ undermines the entire practice of the Pharmaceutical Society in prosecuting *unqualified* vendors of poisons since the well-known judgment of Hawkins, J., in *Pharmaceutical Society v. Wheeldon* (1890).” After setting out the facts of that case (which were that the defendant Wheeldon, an unqualified assistant of a qualified chemist, had sold a packet of vermin killer to a young woman, who took the contents and poisoned herself, whereupon the Pharmaceutical Society sued Wheeldon and recovered the £5 penalty), our contemporary cites the following from the judgment of Mr. Justice Hawkins dismissing Wheeldon's appeal:—

“ . . . Nothing to our minds can be clearer than that the object of the Act was beyond all other considerations to provide for the safety of the public, and to guard, as far as possible, all members of the community from the disastrous consequences so frequently arising from the sale of poisons by persons unacquainted with their baneful properties; and the whole object of the Act would be frittered away and the Act itself become a dead letter were we to declare by our judgment that an unqualified assistant can

lawfully and with impunity sell any of the poisons to which the Act applies unless upon each occasion of such sale he acts under the personal supervision of a qualified employer, or a qualified assistant to such employer ”

“ That decision,” says “ The Solicitors' Journal,” “ has never been challenged. For forty years it has been acted upon, and is still being acted upon to-day, the Pharmaceutical Society insisting that no scheduled poison shall be sold, even in a chemist's shop, by an unqualified assistant.” It would be difficult to exaggerate the seriousness of the position, then, in which the Society stands to-day. The fact that a Bill is before Parliament dealing with the sale of poisons has, naturally, attracted the attention of “ The Solicitors' Journal ” in the same connection; and the opinion is expressed in plain terms that what a chemist can do an “ authorised vendor ” or “ licensed vendor ” of poisons can do equally in respect of automatic machines. A pleasant prospect!

A Second Opinion

The same note of alarm is sounded in the “ Justice of the Peace and Local Government Review,” which has already published outspoken articles on the Bill now on its way to the House of Commons. The “ Justice of the Peace,” after setting out the facts of the case and the arguments used, sums up the situation with the observation that it is now established law that a qualified chemist may sell poisons through the instrumentality of an automatic machine from which the public may help themselves. Then, applying that fact to the Pharmacy and Poisons Bill now before Parliament, our contemporary expects that if ever the Bill should become law the judgment just given will place the qualified chemist and the licensed vendor on a practical equality:—

“ It would, therefore, seem that we are within immediate reach of the system of sixpenny packets of arsenic being obtained at any hour of the day or night by any child (tall enough, as Judge Crawford said, to reach it) from automatic machines standing side by side with sweetmeat and cigarette machines outside or inside of confectioners' or ironmongers' or grocers' shops.”

No suggestion is made as to how such sales of arsenic are to be recorded, but, presumably, automatic machines capable of making a record of each transaction could be devised. Commenting upon the loophole which now exists for the abandonment of the personal responsibility of the qualified seller of poisons, the “ Justice of the Peace ” concludes with the following striking passage:—

“ That personal responsibility has been the basic principle upon which the sale and distribution of deadly poisons has hitherto been safeguarded in this country. So far it has been (and still is) illegal even for the unqualified assistant of a qualified chemist to sell scheduled poisons like arsenic and nicotine except under the actual and immediate supervision of the qualified employer or of his qualified deputy. That principle is in imminent danger of being swept away by the Bill now before Parliament. If murder, suicide and fatal accidents by means of poisons are not to be increased, surely it is of supreme importance that their sale shall be strictly circumscribed. Sale by qualified persons, solely responsible, has proved a great public safeguard in the past. Free trade in poisons under the supervision of a Government Department with an army of inspectors, and automatic machines in full operation, is likely to prove both expensive and disastrous. It is to be hoped that the House of Commons will realise what is at stake.”

We thank the editor of the “ Justice of the Peace ” for so admirable a summing up of the realities of the position. We wonder whether the House of Commons, at a time like this, will tolerate the setting up of another expensive Government department, not to minimise, but to accentuate the gravity of a position fraught with so much public danger.

Pharmaceutical Society of Great Britain

Council Meeting

A MEETING of the Council was held at 16 Bloomsbury Square, London, W.C.1, on May 6, Mr. A. R. Melhuish (president) in the chair. There was a full attendance.

TUESDAY'S PROCEEDINGS

Among the matters dealt with by the Council at their meeting on May 5 were the following:—

A letter from the Institute of Chemistry asking whether representatives of the Institute could meet representatives of the Council to discuss the Institute's proposed supplementary charter. It was agreed that the president, vice-president, Mr. Rowsell and Mr. Peck should be appointed to meet the representatives.

A letter from the Home Office concerning a chemist recently convicted of offences under the Pharmacy Acts, stating that, after considering the observations of the Council, the Home Secretary had decided not to withdraw his authorisations under the Dangerous Drugs Regulations.

PHARMACY AND POISONS BILL

On the resumption of the proceedings on May 6 the Press representatives, on the intimation of the president, retired for a few minutes. On their readmission,

The PRESIDENT said he had a short statement to make with regard to the Pharmacy and Poisons Bill. "I cannot report," he continued, "that there has been any substantial change since the last meeting of the Council, except that the Bill has now completed its passage through the House of Lords, and has been read a first time in the House of Commons. The motion for the rejection of the Bill has been put down to prevent the Bill passing without discussion. The policy of the Council is that set out in my statement at the last meeting and approved by the Council. As a last effort, however, I am proposing to seek one more interview with the Home Office before the second reading of the Bill."

Mr. NEATHERCOAT remarked that the president had referred to the statement he (the president) had made at the last meeting of the Council outlining the policy of the Council. "That policy," proceeded Mr. Neathercoat, "was one of opposition to the further stages of the Government Bill. On that occasion I expressed my view that it was impossible for me to agree to that policy. In view of the fact that you, Mr. President, have reaffirmed that policy in your statement this morning—with some modifications, I agree—I feel that I must reaffirm the attitude I took up at the last Council meeting, and say that in my judgment, if this Government Bill is defeated in the House of Commons, it will be a setback to pharmaceutical aspirations and ideals. But while I reaffirm my opposition with regard to that, I welcome very heartily indeed the concluding paragraph in your statement this morning, and I would express the hope that it will have a fruitful result, and one beneficial both to pharmacy and the country."

ELECTIONS AND REGISTRATIONS

Forty-two persons were elected members, and twenty-five student-associates. There were a number of restorations to the Society, but none to the Register. The registrar reported that ninety-eight persons had been registered as apprentices or students.

CORRESPONDENCE

A letter was read from Mr. Rutherford Hill announcing the death of Mr. John H. Low, of Fraserburgh, the divisional secretary for Aberdeenshire, and suggesting the appointment of Mr. Robert Alexander, Strichen, to the vacancy thus created. The Council approved the suggestion. Mr. Hill also wrote enclosing the annual report of the North British Executive. The report was received.

A letter was read from Mr. Jenkin, as treasurer of the Guild of Public Pharmacists, forwarding a resolution thanking the Council for granting the use of their premises, and enclosing a cheque for £5 5s. as a donation to the Benevolent Fund.

The PRESIDENT expressed the Council's appreciation and thanks.

A letter was read from the University of London announcing that Mr. T. E. Wallis had been appointed an examiner for the B.Pharm. examination at the University; Mr. Wallis was added to the list of the Society's Board of Examiners.

EDUCATION COMMITTEE

The Education Committee reported that they had approved of the recognition of a school for instruction in chemistry, physics and botany in connection with the Preliminary Scientific examination. The report was adopted.

BENEVOLENT FUND COMMITTEE

The report of this committee showed that twelve applications had been considered during the month, and grants made ranging from £10 to £26. In the summary of the quarter's deliberations of the committee it was shown that the total number of grants made was twenty-seven, involving payments amounting to £647. During the same period the receipts amounted to £1,681 16s. 7d. Special contributions were acknowledged as follows:—Edinburgh District Chemists' Trade Association, £14 3s.; Swansea and District Branch, £7 7s.; Rochdale Branch, £6 10s.; "A Woman Pharmacist," £5 5s.; Alchemy Lodge, £5 5s.; Guild of Public Pharmacists, £5 5s.; Galen Lodge of Rehearsal, £2 2s.; Williams & Peters, £1 8s.; M. Firth, £1 5s.; F. J. Norman, £1 1s. 6d.; F. G. Holoran, 7s. 7d.

Mr. BEARDSLEY, expressing the thanks of the Council to the contributors, called attention to the fact that the receipts were £50 down as compared with last year. The report was adopted.

WAR AUXILIARY BENEVOLENT FUND

This Committee reported that they had received two applications during the month, and made a grant of £10. They now recommended another grant of £52. The Committee's quarterly report showed that they had made seventeen grants, amounting in all to £301 15s. The report was adopted.

FINANCE COMMITTEE

The financial statement showed that receipts since the last meeting, including a balance of £21 16s. 5d., amounted to £6,782 0s. 10d., comprising the following items:—Subscriptions, £4,255 13s.; registration fees as apprentice or student, £231; School—University grant, £125; examination fees, £10 10s.; Pharmacological Laboratories, £220 10s.; penalties, £59 1s. 4d.; "Pharmaceutical Journal," advertisements, etc., £1,062 10s. 6d.; Quarterly Journal, £84 1s. 8d.; "Pharmaceutical Pocket Book," £14 7s. 6d.; Registers, £10 2s. 11d.; Examination Papers, £5 10s. 8d.; Pharmaceutical Press publications, £16 18s. 4d.; B.P. Codex, £46 7s. 3d.; "Forensic Pharmacy," £3 12s. 4d.; rents and interest, £555 2s. 6d.; legacy duty, £39 11s. 3d.; F.S.S.U., £16 6s. 4d.; sundries, £3 18s. 10d. Payments ordered at the last meeting amounted to £5,586 10s. 4d., and £1,150 had been transferred to deposit account, leaving a balance of £45 10s. 6d. The balances on the other accounts were:—Benevolent Fund (current account), £4 15s. 3d.; Benevolent Fund (donation account), £25 2s. 6d.; War Auxiliary Benevolent Fund, £40 2s. 7d.; Orphan Fund, £13 18s. 8d. The report recommended that accounts amounting to £7,024 4s. 4d. be paid, and that the action of the secretary in making payments amounting to £1,250 10s. be approved. The report was adopted.

ANNUAL REPORT

The annual report was received. [See next column.]

LAW COMMITTEE

The report of the Law Committee, presented on May 5, stated that in England and Wales, since the last report, 1,177 shops have been visited; of these 718 were chemists' shops. In four chemists' shops no certificate was exhibited. The remaining 459 shops visited were carried on by unqualified persons. At twenty-eight of these certain infringements of the Pharmacy Acts were reported.

This was all the public business.

Examination Results

LONDON

At the Pharmaceutical Chemist Qualifying examination held in London during April, the following candidates were successful out of thirteen examined:—Gore, David Neville; Madon, Kaikhasroo Jamasjee; Newey, Thomas; Singleton, Leslie; Stephens, Roderick Louis.

EDINBURGH

The following are the results of examinations held in Edinburgh during April:—

	No.	PRELIMINARY SCIENTIFIC				CHEMIST AND DRUGGIST QUALIFYING			
		Absent	Failed	Referred	Passed	Absent	Failed	Referred	Passed
Entered for Prelim. Sc. exam. . . .	157	2	81	28	46	—	—	—	—
Referred subject in Prelim. Sc. exam. . . .	27	2	—	13	12	—	—	—	—
Entered for C. and D. exam. . . .	48	—	—	—	—	2	13	11	22
Referred subject in C. and D. exam. . . .	25	—	—	—	—	—	—	4	21
	257	4	81	41	58	2	13	15	43

Referred in one subject:—Botany, 13; chemistry, 14; physics, 14; pharmacognosy, 4; pharmacy, 6; pharmaceutical chemistry, 3; forensic pharmacy, 2; total, 56.

CHEMIST AND DRUGGIST QUALIFYING EXAMINATION

The following candidates, having satisfied the examiners in this examination, have been registered as chemists and druggists:—

Allison, L. S., Bradford
Breckenridge, Wm. B.,
Glasgow
Campbell, H. H., Edin-
burgh
Carruthers, A. F., Hawick
Christian, G. M., Wallasey
Cordiner, G., Jarrow
Corlett, Dora E., Liverpool
Craig, J., Ayr
Darragh, E. A., Wallasey
Finch, I., Preston
Flockhart, R. L. J., Glas-
gow
Haynes, A. J., Ilkley
Hepworth, M. M., Halifax
Herdman, N. A., Whitley
Bay
Hughes, J. A., Chester
Hughes, T. J., Wrexham
Jones, Caroline E., Hough-
ton-le-Spring
King, G. E., Hull
Leverton, A., Wallsend-
on-Tyne
Lewis, C. C. H., Bradford
Lomax, H., Ainsdale
McInroy, J. M., Largs

McIntosh, Elizabeth F.,
Huntley
MacRae, D. R., Dornoch
Middlemass, Mary M.,
Edinburgh
Milburn, C. R., Leeds
Morrick, D., Glasgow
Pollock, J., Stockton-on-
Tees
Pugh, F. V., Liverpool
Reid, W. B., Paisley
Robertson, R. M., Ruth-
erglen
Simpson, J. H., Blackpool
Smith, Helen L., Glasgow
Spence, Catherine M.,
Greenock
Sullivan, J. A., Bradford
Taylor, Elizabeth T., Port
Glasgow
Thomson, W., Carlisle
Thompson, W., Bradford
Valentine, J. H., Fraser-
burgh
Wakefield, T., Warrington
Walne, J., Preston
Wilkinson, L. G., Preston
Withey, A. D., Leeds

PHARMACEUTICAL CHEMIST QUALIFYING EXAMINATION

The following candidates, having satisfied the examiners in this examination, have been registered as pharmaceutical chemists:—

Moffat, W. R., Glasgow
Price, H., Ashton-in-
Makerfield
Rattray, G., Glasgow
Sambidge, F. W., Dum-
barton

ANNUAL REPORT

The following are the portions of the Council's ninetieth annual report which are of general interest:—

Finance.—The income of the Society in 1930 amounted to £63,585, a decrease of £5,322 compared with 1929, and the expenditure to £63,925, or £4,677 less than in 1929. A further addition to the membership accounted for the substantial sum of £1,007 more being received from subscriptions, but, as anticipated in the last annual report, the large increase in revenue from registrations and examination fees which was experienced in 1929 was not maintained in 1930. The amount received from these sources (although more than in 1929) was less by £5,455. The School income from students' fees was £413 more, and in addition £125 was received from London University as the first quarterly instalment of a five years' grant. There was a decrease of £357 in Pharmacological Laboratory fees. . . . The reduction of £629 in the income from investments was due to the purchase of the Brunswick Square estate; the income from this estate, however, is being increased as the present leases expire. The expenditure on examinations was reduced by £814 as a result of the smaller number of candidates; £1,078 less was spent on the Society's house, and it has also been possible to effect reductions in some other directions. The principal increases in expenditure were: "The Pharmaceutical Journal," £699, due to the increased circulation; Quarterly Journal, £241; North British Branch, £797, chiefly on account of the cost of completing the extensive repairs which had accumulated; Pharmacological Laboratories, £486, largely on account of increased research work; law expenses, £283; and School expenses £202. . . . It has not been possible to make any allotment to the building fund this year. . . .

Registers.—At the end of 1930 the number of pharmaceutical chemists was ten less than at the end of 1929, and the number of chemists and druggists 653 more. On December 31, 1930, the number of names on the registers of pharmaceutical chemists and chemists and druggists was 23,256, compared with 22,613 on December 31, 1929. On the same date the number of members of the Society was 15,053. This represents an increase of 545 members, and is the highest figure for membership in the Society's history. There was a decrease in the number of persons registered as "apprentices or students" of 272, the figure for 1930 being 1,151. There was also a decrease in the number of student-associates, the total being 1,099. The total number of persons acting as superintendents of limited companies, firms, or partnerships under Section 3 (4) of the Poisons and Pharmacy Act, 1908, at the end of the year was 1,405, being a decrease of 44.

Legal.—During the year 7,386 chemists' shops and 3,910 other shops were visited in order to ascertain whether breaches of the Pharmacy Acts were being committed. As a result of these visits the Council authorised the institution of proceedings in 232 cases. . . .

Report of the Departmental Committee.—In March 1930, the report of the Departmental Committee on the Poisons and Pharmacy Acts appointed by the Lord President of the Council in July 1926 was published. It consisted of a majority report signed by all the members except Mr. Gamble, a minority report by Mr. Gamble, and a reservation by Mr. Young. There was a draft Pharmacy and Poisons Bill annexed to the report. The Council held special meetings immediately after the report was published and consulted the pharmaceutical organisations directly concerned with its proposals. The report was discussed at the meeting of delegates at Cardiff in July, and the Council worked through the year in preparing amendments which they desired to secure. . . .

Examinations.—The number of entries, including re-entries, for the whole or part of the Qualifying examination during 1930 was 4,108, a decrease of 1,653 when compared with the entries for 1929, and 890 candidates passed the examination. There were fifty-eight candidates for the Pharmaceutical Chemist Qualifying examination, of whom fifteen were successful, and thirteen reached the standard necessary for registration as chemists and druggists. . . .

The new system of examination is now in full operation and is working smoothly. Reports from the Boards of Examiners show that it is already having a decided effect upon the better training of the students in the schools of pharmacy. There has not been time for this to show itself appreciably in the examination results. . . .

Education.—The advisory committee appointed to consider and report what modifications of the regulations were necessary to complete the work of modernising the Society's curriculum and educational system has issued its report. The report, which has been adopted by the Council, contains as its principal recommendations the raising of the standard of preliminary knowledge to matriculation in five years, the alteration of the Pharmaceutical Chemist curriculum to permit students to take the Chemist and Druggist examination at the end of the first year of the course, and the exploration of the possibility of instituting post-graduate diplomas in various branches of applied science related to pharmacy. The first steps towards implementing these recommendations have been made. . . .

The Society's House.—The Society's property in Bloomsbury Square is leasehold, and the various leases upon which it is held are not coterminous, the first lapsing in 1943. The provision of a suitable permanent headquarters for the Society has received the serious consideration of the Council for a number of years. No better offer could be obtained from the trustees of the Bedford Estate than that of a ninety-nine years' lease of the present site, which the Council considered unsatisfactory, feeling that a body such as the Pharmaceutical Society should possess its own freehold property. After protracted negotiations a block of houses on the north side of Brunswick Square was purchased. The area is somewhat in excess of the Society's probable needs, but the Council believe that the extra space will prove a profitable investment, and will give the Society control over the character of the buildings to be erected on it. The site will not be available for rebuilding until the existing leases expire some years hence. Meanwhile the property will yield a substantial income.

Pharmaceutical Laboratories.—The laboratories have completed a fifth year of work in carrying out research, and the examination of manufacturers' samples. During the year fourteen original papers have been published, and further work has been done to assist the preparation of the next British Pharmacopoeia. Important progress has been made in the estimation of preparations containing vitamin A. A method has been devised whereby it is possible to make a quantitative estimate with a known degree of accuracy by a biological method. . . .

Scotland.—The Council is pleased to report that the affairs of the Society in Scotland have been efficiently and satisfactorily conducted during the year by the Executive of the North British Branch, and by the Society's officers. To meet the need for additional accommodation for examination purposes which has been felt for some time, the Society is negotiating for the neighbouring property, 34 York Place, which is well adapted for the purpose. . . .

British Pharmaceutical Conference.—The sixty-seventh annual meeting of the British Pharmaceutical Conference was held at Cardiff from July 21 to 24, 1930. Some 370 persons attended for the whole period, and others were present for one or more days. The chairman of the Conference was Mr. J. T. Humphreys, who took as the subject of his address at the opening session "The Province of Pharmacy." The two sessions of the delegates' meeting were attended by 130 delegates. . . . The cordial thanks of all those who attended the Conference are due to the Cardiff committees for their efforts which extended over the preceding twelve months, and resulted in so well-arranged and successful a Conference.

British Pharmaceutical Codex.—Under the chairmanship of Mr. H. Skinner, the Codex Revision Committee has supervised the steady progress of the revision of the British Pharmaceutical Codex. Four subcommittees have been appointed to deal with pharmacy, chemistry, pharmacognosy and "action and uses." Mr. C. E. Corfield, B.Sc., F.I.C., Ph.C., has been appointed editor. The Codex Research Laboratory has been occupied with a number of investigations, and the Society is also greatly indebted to individual members of the committees. . . .

Branch Organisation.—During 1930 the total number of branches was 116, five of which were Scottish Branches. The Organisation Committee provided speakers for 131 meetings, and the expenditure on the branches amounted to £2,678. . . .

Publications.—The continued increase in the membership of the Society has resulted in an increase in the annual cost of "The Pharmaceutical Journal." Development of the Journal as a business publication has helped to meet the special needs of members, as indicated during the year by expressions of appreciation of the information which it

supplies. . . . The "Quarterly Journal of Pharmacy and Pharmacology" has now established itself as a recognised source of information to the pharmacist in business as well as to the scientific reader and investigator. . . .

Benevolent Fund.—The Council regrets to report that the subscriptions to the Fund during 1930 showed a decrease of £232 in comparison with the amount received in 1929, the figures being £2,713 and £2,431 respectively. The income of the Fund from all sources amounted to £5,226, and the expenditure on annuities, including a special Christmas bonus, amounted to £2,475. The sum expended in casual grants amounted to £2,622. From comparison with the figure for 1929 (£2,324), it will be seen that notwithstanding a decrease of income of £243, the expenditure in grants and annuities has increased by £375.

War Auxiliary Benevolent Fund.—The sum of £876 was expended in grants from this Fund during 1930, reducing the accumulated Fund by £507, and leaving a balance of £7,598, of which, however, a large amount is earmarked for the continued maintenance of orphans already being supported by the Fund. . . .

Orphan Fund.—During the year seven orphans have been maintained from this Fund, five at the London Orphan School, Watford, and two at the Royal Infant Orphanage, Wanstead. The cost in 1930 was £352. The income received during the year amounted to £484, of which £298 was from subscriptions, an increase of £79 on the previous year, and £185 from interest on investments. . . .

Other paragraphs in the report relate to the Society's school, the museum, the library, evening meetings, and the year's obituary.

Special General Meeting

A SPECIAL general meeting of members of the Society was held at 17 Bloomsbury Square, London, W.C.1, on May 6, at which the following motion was submitted for adoption:—"That this meeting approves of, and concurs in, the sale of the freehold ground rent and reversionary interest in 'Raymont,' Shortlands Grove, and of two plots of land situated respectively in Bromley Grove and Shortlands Grove, in Shortlands, Kent, and accordingly authorises the Council to complete the sale thereof on such terms as they consider proper." Adoption of the motion was proposed by the PRESIDENT, seconded by the VICE-PRESIDENT, and carried.

Branch Meetings

Croydon.—At a meeting of the Croydon Branch and Croydon Pharmacists' Association, held recently Mr. W. Bennett, M.P., gave an address on the present position of *The Pharmacy and Poisons Bill*. Mr. Bennett's lucid explanation of parliamentary procedure was followed with great interest, and a number of questions were asked. He also dealt with the present inquiry into possible restriction of trade by price-protection agreements. Mr. Bennett was heartily thanked for his address.

Manchester.—The annual general meeting of the Manchester, Salford and District Branch of the Pharmaceutical Society was held on April 22, Mr. E. H. Simmons in the chair. The secretary (Mr. T. Miller) read the report of the Executive, and the secretary of the Junior Section reported on the year's work. The treasurer (Mr. W. I. Scholes) submitted the annual report and balance-sheet, which showed a comfortable balance in hand. All the reports were adopted. After a contest in all districts, the Executive was elected for the ensuing year as follows:—*Manchester*, Miss Roberts, Messrs. Brindle, Franklin, Thorpe, Grier, Barker, and R. E. Edwards; *Salford*, Messrs. Simmons, Maskell, Lewis and Lyle Davison; *Country*, Messrs. W. Edwards, Miller, Walmsley, Berry, Scholes and Kirkby. The scrutineers of the voting, Messrs. E. Walters, E. Stabler and J. Lawson, were thanked for their services. A hearty vote of thanks was also accorded to Mr. E. H. Simmons for his services as chairman during the year. Mr. Simmons briefly stated the position of the Council created by the progress of the Pharmacy and Poisons Bill in the House of Lords. Their essential amendments had not been accepted by the Government, and unless these were conceded the Society, he said, was determined to organise opposition to the Bill.

Pharmacy and Poisons Bill

The Third Reading

The Pharmacy and Poisons Bill was read a third time in the House of Lords on April 30.

An Eye-Witness's Impressions

I had not thought to be present in the House of my noble lords again, since no title is likely to come my way; but the third reading of our precious Pharmacy and Poisons Bill called me urgently to attend. Familiar faces were missing, and, apart from my noble lord, the Government, I was among strangers. The back benches of the Opposition were crowded with dukes and earls whose names brought to me the sweet scent of heather from beloved Caledonia, stern and wild. A noble Duke spoke well on small holdings and agricultural land in Scotland, but never once mentioned how important were the agri-horticultural poisons; I suppose the cultivators get quite easily all they want. I found a friend in the House who "put me wise" on all the *personæ gratae* (or *erratae*, as the case may be), and patiently I listened to the story of the tenure of land and hereditaments, but not a word came on poisons or dispensing. The noble Duke would have his Bill divided into two parts, and proceeded to pass all the clauses through a hair sieve; but still no poisons. I mused upon my Lord Chancellor in his wig and gown; he owned the name of an American familiar in my childhood, who used to delight us guid Victorians, but still no poisons. Then the wells of Scotland dried up suddenly; my noble Lord, the Government, stepped briskly forward and moved the third reading of the Bill. A gentle murmur of content suffused the abode of peace and the curtain fell. The comedy was ended.

Parliamentary Activities

A deputation from the Sheffield Branch of the Pharmaceutical Society, consisting of Mr. John Austen, Ph.C. (chairman), Mr. E. A. Kirman (secretary), Mr. J. E. Crow and Mr. H. Antcliffe, had an interview at the House of Commons on April 28 (briefly reported in our issue of May 2) with local members of Parliament. Mr. Cecil H. Wilson was in the chair, and others present included Mr. P. C. Hoffman, Mr. G. Latham, Mr. Malcolm MacDonald, and Mr. F. Marshall. Mr. Antcliffe put the case for further amendments to the Pharmacy and Poisons Bill, and asked the members present to support these amendments. Other members of the deputation followed on similar lines. Several questions were asked by the members of Parliament, and Mr. Antcliffe thanked them for the cordial way in which they had received the deputation.

Pharmacists' National Opposition Committee

We have received from the joint secretaries of the Pharmacists' National Opposition Committee (Mr. Frank E. S. Clarke and Mr. Wilfrid Lean) a copy of a statement sent, together with a copy of Mr. F. W. Gamble's minority report, to each member of the House of Commons. Similar circulars were also sent to members of the House of Lords.

THE Edinburgh Chemists' Assistants' and Apprentices' Association will hold a botanical excursion to Barnton on Wednesday, May 13, meeting at the Caledonian station at 7.10 p.m.

THACKER'S INDIAN MEDICAL DIRECTORY.—Thacker's Indian Medical Directory for the current year (9s.) is obtainable from W. Thacker & Co., 2 Creed Lane, Ludgate Hill, London, E.C.4, or from Thacker, Spink & Co., P.O. Box 54, Calcutta, India. The Directory, which has been published annually in Calcutta since 1861, has a section devoted to chemists and druggists.

Corner for Students

Conducted by Leonard Dobbin, Ph.D.

Communications should be addressed "Corner for Students, 'The Chemist and Druggist,' 28 Essex Street, London, W.C.2."

PRIZES

The First Prize for the best analysis has been awarded to:—

PHILIP E. STEDMAN, 10 Cambridge Road, Eastbourne.

The Second Prize has been awarded to:—

RICHARD E. LONG, 2 Southport Road, Kew, Southport.

First Prize.—Any scientific book that is published at a price not greatly exceeding fifteen shillings may be taken as a first prize.

Second Prize.—Any scientific book which is sold for about seven shillings and sixpence may be taken as a second prize.

The students to whom prizes are awarded are requested to write at once to the publisher, naming the book or books they select.

MARKS AWARDED FOR ANALYSES

1. *Correspondents who have not passed in Chemistry:*—

P. E. Stedman (First Prize)	...	96	Pinus ...	...	82
R. E. Long (Second Prize)	...	94	Van 't Hoff ...	...	81
Tayside	...	92	No. 53...	...	64
			Acridlavine	...	63

2. *Correspondents who have passed in Chemistry:*—
Optico 90 | P. H. D. 73

THE ANALYTICAL TOURNAMENT

The analytical tournament, in which fifty-four students participated, closed with the analysis here reported upon, and the awards are as follows:—

The first place in the competition has been taken by "Tayside" (Margaret W. Niven, 87 Gray Street, Broughty Ferry, Angus), with the very creditable aggregate of 553, made up, with only a single serious lapse, of 98, 97, 95, 95, 76 and 92, and to her the First Prize of Books to the value of £3 3s., with a Certificate of Honour, has been awarded.

The Second Prize of books to the value of £2 2s., and a Certificate of Honour, have been awarded to "Optico" (R. F. J. Shilling, 3 Barmouth Road, Wandsworth, S.W.), whose aggregate is 511, made up of 97, 93, 79, 73, 79 and 90.

The Third Prize of books to the value of £1 1s., and a Certificate of Honour, have been awarded to "P. H. D." (Laura E. Pond, 4 Disraeli Road, Putney, S.W.), whose aggregate is 481, made up of 74, 89, 96, 70, 79 and 73.

In recognition of careful work throughout the session, which gained an aggregate of 478, we have decided to award a *proxime accessit* prize of a book to the value of 15s. to Horace Hoyle, 11 Waterside, Slaithwaite, Huddersfield.

We congratulate these students on their success, and ask them to send in to the Publisher the names of the books they wish to receive as prizes.

(To be continued.)

PRACTICAL CHEMISTRY MANUAL.—"Chemical Tests and Analytical Tables," by Mr. H. Lucas, Ph.C. (3s. 6d., South of England College of Pharmacy, 186 Clapham Road, London, S.W.), gives in concise form the usual qualitative reactions for metals and acid radicals, together with tests for certain organic substances and other information.

Trade Report

The prices given in this section are those obtained by importers or manufacturers for bulk quantities or original packages. To these prices various charges have to be added, whereby values are in many instances greatly augmented before wholesale dealers receive the goods into stock, after which much expense may be incurred in garbling, packing, etc. Qualities of chemicals, drugs, essential and fixed oils, and many other commodities vary greatly, and higher prices than those here quoted are charged for selected qualities of natural products even in bulk quantities.

28 Essex Street, W.C.2, May 7

BUSINESS in crude drugs is somewhat disappointing and cheap offers do not appear to tempt buyers unless the goods are actually wanted. The weather conditions have not helped seasonable articles and competition is keen for the few orders going. Gamboge is in better supply and easier. Menthol is in fair demand at steady rates. Alexandrian senna pods are firm to dearer. Cod-liver oil, cardamoms and cascara sagrada are all quiet and unchanged. Among the essential oils, Sicilian lemon, bergamot and orange are offered at cheaper rates. Japanese dementholised peppermint has been in good demand at steady prices. American continues weak. Spearmint and cinnamon leaf are easier, while palmarosa is dearer. In pharmaceutical chemicals there is little of importance to note. Competition continues keen in bromides. Citric and tartaric acids and cream of tartar remain quiet in demand and are none too steady. Business is fair on rather small lines in other products. Paraformaldehyde is slightly easier for large quantities. In fixed oils there has been a further all-round decline in values, the chief items affected being castor, coconut, cotton, groundnut, palm kernel, palm, rape and linseed oils. Turpentine is also cheaper. Business in these products has been slow throughout.

Higher	Firmer	Easier	Lower
Cumin oil Farina (Dutch) Palmarosa oil Senna pods	Rubber Saffron	Coconut oil Cod-liver oil Cotton oil Gamboge Ground nut oil Linseed oil Palm kernel oil Paraformaldehyde Pimento Rape oil Spearmint oil Turpentine	Bergamot oil Bismuth metal Castor oil Cotton oil Lemon oil Litharge Maize starch crystals Orange oil Palm oil Pepper Red lead

Cablegram

BERGEN, May 8.—The catch of cod since the opening of the season now amounts to 32,000,000, against 53,370,000 for the corresponding week of last year, and the yield of steam-refined non-freezing oil is 56,031 hectolitres, against 74,655 hectolitres at the same date last year. The market for finest new Lofoten steam-refined non-freezing oil is unchanged.

Pharmaceutical Chemicals, etc.

THE market continues steady in most directions, with but very slight alterations in values. Citric and tartaric acids are still far from active, while cream of tartar is barely maintained at last week's value. Paraformaldehyde is a shade cheaper for very large quantities.

ACETANILIDE is quoted on a slow market at 1s. 4½d. in cwt. lots, up to 1s. 6d. for small parcels for B.P. crystals and powder.

AMIDOL meets with a moderate call: one cwt., 7s.; 56 lb., 7s. 3d.; 23 lb., 7s. 6d.; 14 lb., 7s. 11d., in 7-lb. tins.

AMIDOPYRIN is unchanged at Convention rates: crystals, five cwt., 12s. 9½d.; two cwt., 13s. 0½d.; less than two cwt., 13s. 3½d. per lb.; powder, 1½d. per lb. extra.

ASPIRIN is moving in about average volume and the market is very steady. Home trade: ten cwt., 2s. 7d.; five cwt., 2s. 8d.; one cwt., 2s. 8½d.; 23 lb., 2s. 9d.; 14 lb., 2s. 10d.; 7 lb., 3s.; 1 lb., 3s. 4d. per lb. Export to Colonies and British Possessions: ten cwt., 2s. 7d.; five cwt., 2s. 8d.; one cwt., 2s. 8½d.; less than one cwt., 2s. 9d. per lb. f.o.b. Export prices to other destinations.

BARBITONE is well held at 7s. 3d. to 7s. 9d. per lb. as to quantity.

BENZALDEHYDE remains quiet, with quantities of f.f.c. in carboys at about 1s. 10d. per lb.

BENZOIC ACID (B.P.) continues in steady call, with quantities ex works at from 1s. 9½d. to 1s. 10d. per lb.; spot parcels are quoted from 1s. 10½d. to 1s. 10¾d. per lb.

BENZONAPHTHOL is dull, with the spot value from 2s. 8d. to 2s. 10d. per lb. as to quantity.

BISMUTH SALTS.—The metal price was reduced 1s. per lb. on May 1, thus cancelling the two recent advances of 6d. At the time these increases took place the Convention did not adjust their prices for salts, and are, in consequence, ignoring the present fall in metal value.

The production of bismuth metal in Japan during 1929 amounted to 119,059 lb., valued at U.S. \$178,553. There have been no imports into Japan for some years, and during 1930 about 1,000 lb. were exported to Europe.

BROMIDES.—There is severe competition, with all main sources of supply keen for business; current prices for quantities of a few cwt. are as follow: ammonium, 1s. 7½d.; potassium, B.P. granular, 1s. 3½d.; crystals, 1s. 4d.; sodium, B.P., 1s. 6½d. per lb. for good-sized quantities; small parcels at slightly higher rates, while these prices would be shaded for important contracts. The "Schurbek" has brought 230 cases bromides from New York.

CAFFEINE is quoted from 7s. 3d. to 7s. 5½d. per lb. as to quantity for the pure alkaloid; citrate, 5s. 7d. to 5s. 9½d.

CALCIUM LACTATE is steady on spot at 1s. 1½d. to 1s. 3d. per lb. as to quantity.

CHLORAL HYDRATE continues unchanged at controlled rates of 2s. 11½d. to 3s. 1½d. per lb. as to quantity and packing; foreign, duty paid, on spot, 3s. 3d. per lb.

CITRIC ACID (B.P. crystals) continues decidedly quiet: dealers are quoting about 1s. per lb., less 5 per cent., for foreign on spot, and this figure might be shaded for large quantities; smaller lots of a few cwt., 1s. 0½d., less 5 per cent. British makers quote 1s. per lb., less 5 per cent. discount.

COCAINE.—Hydrochloride is steady: 25 oz., 20s. 11d. per oz.; 16 oz., 21s. 7d.; and less, 22s. 3d. *Pure*, 22s. 11d. up to 24s. 4d.; 1-oz. tins, 2½d. extra.

CREAM OF TARTAR is about unchanged, with the spot price of foreign 99 to 100 per cent. powder, 80s. to 81s. per cwt., less 2½ per cent. Business has not been of much importance. British makers' price for 99 to 100 per cent. is 82s. per cwt., less 2½ per cent. discount.

GUAIACOL CARBONATE is steady on a slow market: spot quoted from 4s. to 4s. 2d. per lb. as to quantity.

HEXAMINE is holding at the former rates of 1s. 10d. to 1s. 11d. per lb. as to quantity; bulk quantities would be slightly less.

HYDROQUINONE is meeting with a seasonal demand: ten cwt., 3s. 9d.; five cwt., 3s. 9½d.; two cwt., 3s. 10½d.; one cwt., 3s. 11d.; 56 lb., 4s.; 23 lb., 4s. 2d.; 14 lb., 4s. 4d.; 7 lb., 4s. 6d.; 1 lb., 5s. 4d., carriage paid.

METHYL SALICYLATE (B.P.) continues very steady at 1s. 3d. to 1s. 5d. per lb. as to quantity.

METHYL SULPHONAL is unchanged and steady: two cwt., 12s. 7d.; one cwt., 13s.; 56 lb., 13s. 5d.; small parcels, 13s. 10d. per lb.

MILK SUGAR is about level on the week: two cwt., 46s.; ten cwt., 45s. 6d.; one ton, 45s. per cwt., in two-cwt. cases.

MUSK XYLOL.—It is understood that the Convention have appointed one firm in this country as sole sales representatives for the U.K. Prices have been fixed as follows: five cwt., 5s. 9d.; one cwt., 6s.; 56 lb., 6s. 3d.; 23 lb., 6s. 4½d.; 7 lb., 6s. 6d.; smaller lots, 7s. spot.

PARAFORMALDEHYDE in quantities in cwt. kegs is now offered down to 1s. 4d. per lb. for 100 per cent. powder; smaller lots, up to 1s. 6d.

PHENACETIN is steady at full Convention rates: crystals, ten cwt., 3s. 8d.; five cwt., 3s. 9d.; two cwt., 3s. 9½d.; and less, 3s. 10½d. per lb.; powder, 1½d. per lb. extra.

PHENAZONE is unchanged on a healthy market: crystals, ten cwt., 6s. 11d.; five cwt., 7s. 0½d.; two cwt., 7s. 2d.; less, 7s. 3½d. per lb., with powder 1½d. per lb. extra. Occasional outside parcels at slightly cheaper prices.

PHENOLPHTHALEIN is about steady, with all sources quoting unchanged: ten cwt., 5s.; two cwt., 5s. 1d.; less than two cwt., 5s. 2½d. per lb. Export, ten cwt., 4s.; two cwt., 4s. 1½d.; less than two cwt., 4s. 2½d. per lb. f.o.b.

PHENYL ETHYL BARBITURIC is steady: 56 lb., 52s. 3d.; less than 56 lb., 54s. 9d. per lb.; bottles of one kilo and over, free; same prices for sodium.

PIPERAZINE is quoted on spot from 31s. 3d. to 35s. 11d. per oz. as to quantity and packing.

RESORCIN is very steady as quoted, with the bottom price 2s. 9½d. for quantities up to 2s. 11d. per lb. for small lots.

SALICYLIC ACID (B.P.) is unchanged at home makers' prices: one ton, 1s. 5d.; ten cwt., 1s. 5½d.; five cwt., 1s. 6d.; one cwt., 1s. 6½d.; and small lots up to 2s. per lb.

SALOL is quoted at controlled rates; market about steady: crystals, two cwt., 3s. 7½d.; one cwt., 3s. 9d.; 56 lb., 3s. 9½d.; and smaller lots, 3s. 10½d. per lb.; powder, 1½d. per lb. extra.

SODIUM BENZOATE (B.P.) is offered down to 1s. 6½d. for ton lots; smaller parcels, up to 1s. 7½d. per lb.

SODIUM SALICYLATE continues at Convention rates on a steady market. Home trade: powder, two tons, 1s. 10d.; one ton, 1s. 10½d.; ten cwt., 1s. 11d.; five cwt., 1s. 11½d.; one cwt., 2s.; 28 lb., 2s. 2d.; 14 lb., 2s. 3d.; 7 lb., 2s. 4d.; 1 lb., 2s. 5d. per lb., with crystals 1d. per lb. extra. Export prices to all destinations are unchanged.

SULPHONAL is unchanged and steady at full rates: spot, powder, 10s. 1d. to 11s. 2d. per lb., as to quantity, with crystals 1½d. per lb. extra.

TARTARIC ACID (B.P. crystals).—The general appearance of the market is still sluggish and by no means active. Dealers quote about 11d. per lb., less 5 per cent. for foreign, but shade this figure for any important business. Lots of a few cwt., 11½d., less 5 per cent. British makers quote 1s. per lb., less 5 per cent. discount.

THYMOL has remained very quiet; Convention rates are unchanged: synthetic fine white, one cwt., 6s. 1½d.; 56 lb., 6s. 2d.; 28 lb., 6s. 4½d.; 14 lb., 6s. 6d. per lb.; ex ajowan seed, one cwt., 7s. 3d.; 56 lb., 7s. 4½d.; 28 lb., 7s. 6d.; 14 lb., 7s. 9d. per lb.

VANILLIN is unchanged on quotation at Convention rates, but some outside offers may be slightly cheaper: ex guaiacol, one ton, 13s.; ten cwt., 13s. 3d.; five cwt., 13s. 6d.; three cwt., 13s. 9d.; one cwt., 14s.; 56 lb., 14s. 3d.; 28 lb., 14s. 6d.; 14 lb., 14s. 9d.; less, 15s. per lb.; ex clove oil, 14s. 6d. to 16s. 6d. per lb., as to quantity.

Crude Drugs, etc.

AGAR-AGAR is steady, and tending firmer forward; Kobo No. 1, 3s. 6d.; No. 2, 3s. 4d. spot. Yokohama is unchanged.

ALOES.—Curaçao in cases is steady at 108s. per cwt. c.i.f. for t.q.; spot ranges from 115s. for black coarse to 150s. for finest livers.

ANTIMONY.—Chinese crude is quite nominal at about £21, and Chinese white oxide is worth about £30 10s.

BELLADONNA ROOT is quoted at 57s. 6d. per cwt. for 0.6 per cent. on the spot. *Leaves* (U.S.P.) are also 57s. 6d.

CAMPHOR (REFINED).—Japanese flowers and ¼-oz. tablets have been in good demand, but slabs are neglected. Slabs are quoted at 2s. 1d., flowers at 2s. 2d., and ¼-oz. tablets at 2s. 7d. per lb.

CARDAMOMS continue quiet. Bold Ceylon-Mysore are quoted at 6s. to 6s. 3d., mediums 4s. to 4s. 6d., small mediums 2s. 9d. to 3s., and smalls 2s. 3d. to 2s. 6d. Green Alleppy on spot are quoted at 1s. 11d., and for shipment 1s. 7½d. c.i.f. is now quoted. Bombay seeds are 3s. per lb. spot.

CASCARA SAGRADA.—New crop is quoted at 40s. c.i.f. for June-July shipment from the Pacific Coast in car-load lots. Last year's peel on spot is 45s. Five years' old peel is scarce and quoted up to 70s. spot.

CLOVES.—Zanzibar has been quiet, spot offering at 10½d. per lb. To arrive, April-May shipment is quoted at 9½d. c.i.f., and for July shipment 8d. c.i.f. has been paid. Madagascar is 9½d. spot and May shipment 8½d. c.i.f.

The landings of Zanzibar in London during the week ended May 2 were *nil* and the deliveries 59, leaving a stock of 635, against 1,321 in 1930 and 1,931 bales in 1929. From January 1 to date, landings of Zanzibar have been 617, against 4,133 in 1930, and the deliveries 995, against 3,810 in 1930. Landings of Madagascar for the week ended May 2 were *nil* and the deliveries 211, leaving a stock of 942, against 2,045 in 1930 and 1,669 bales in 1929. Landings of Madagascar this year to date have been 1,395, against 2,828 in 1930, and the deliveries 1,359, against 797 in 1930.

COCONUT (DESICCATED) is quiet, with sellers offering at 21s. 9d. for fine and medium on the spot. For shipment there are sellers at 19s. 9d. c.i.f. for May-June and June-July shipment.

COD-LIVER OIL.—There is no material change to report. Fishing for the week has been unsatisfactory. Total deficiency to date amounts to 20,809 hectol. of medicinal oil, as compared with last year. A certain amount of business

is moving, although some of the more important buyers continue to hold off the market. Quotations are inclined to vary, and are slightly easier at about 109s. to 111s. per barrel c.i.f. for finest new non-congealing steam-refined Lofoten oil. Some brands may be at slightly cheaper prices.

COLCHICUM SEED is quoted at 2s. 9d. per lb. on the spot.

CORN PRODUCTS, ETC.—Guaranteed water-white English *glucose* (corn syrup) is offered at 18s. 6d. per cwt. for delivery up to the end of June, ex store, London; American guaranteed water-white is also 18s. 6d. net for delivery up to the end of June, ex store, London. Dutch *maize starch powder* (cornflour) is 10s. 9d. per cwt. on the spot and 9s. 9d. f.o.b. for shipment. American for delivery up to the end of June is 11s. 3d., ex store, London. *Pearl starch* for delivery up to the end of June is 10s. 9d. per cwt., ex store, London. Dutch *maize starch crystals* is 16s. 9d. on the spot, and American for delivery up to the end of June is 16s. net per cwt., ex store, London. Dutch *dextrin* is quoted at 18s. to 22s. per cwt. on the spot, as to quality. American canary for delivery up to the end of June is 16s. 10½d., and white, for delivery to end of June is 16s. 7½d. per cwt. net, ex store, London. Dutch *farina* is 9s. 6d. per cwt. on the spot, and to arrive 7s. 9d. is quoted f.o.b. Polish is 8s. 9d. on the spot and 8s. per cwt. c.i.f.

ERGOT is offered at from 9½d. to 10d. per lb. for Russian, and Spanish 1s. 8d. to 1s. 9d. on the spot.

GAMBGE is in better supply, with some fresh arrivals. Prices are somewhat easier, with good Siam pipe at about £18 per cwt., and slightly inferior, part blockey, £17 per cwt., spot.

GENTIAN is holding at the unchanged figure of 30s. per cwt. on the spot for French.

GINGER.—West African is easier, offering on spot at from 22s. 6d. to 23s. per cwt., and at 22s. 6d. c.i.f.

GUM ACACIA continues rather easy and the market is materially unchanged. Fair spot business, but little interest forward. Spot, 45s. for Kordofan cleaned and 43s. for natural; forward, April-May shipment is quoted at 36s. 6d. to 37s. per cwt. c.i.f. for new cleaned Kordofan sorts and 35s. c.i.f. for natural.

HYDRASTIS is steady at 6s. on the spot and at 5s. 6d. per lb. c.i.f.

IPECACUANHA.—Matto Grosso continues to be quoted at 7s. 6d. per lb. on a rather quiet market; some sellers may be a shade less.

JALAP is offered on spot at 1s. 9d. per lb. for 16.6 per cent. resin, and 1s. 4d. for 13.6 per cent.

MENTHOL.—A fair consumptive demand continues for small lots of K/S at steady prices. On the spot, sellers quote at from 14s. 3d. to 14s. 6d. To arrive, April-June shipment is quoted at 14s. c.i.f. First-hand sellers ask from 4½d. to 6d. per lb. more for any c.i.f. position.

The imports of menthol into the U.S.A. during February 1931 amounted to 43,020 lb., valued at \$119,488, against 44,100 lb., valued at \$158,188, in February 1930. During January and February 1931 the imports were 69,665 lb. (\$196,952), against 75,135 lb. (\$264,485) for the corresponding period of 1930.

MERCURY.—Trade is confined to small lots. Metal outside Combine, £21 12s. 6d. net; Combine, £21 17s. 6d. net, rebate for quantities; f.o.b., £21 15s. net for at least 25 bottles.

ORRIS is quoted at £42 per ton, c.i.f. London, for Florentine good sorts.

PEPPER continues dull of sale. Lampong on the spot is 5½d. per lb., afloat 5½d. To arrive, sales include August-October at 5½d. to 5½d. c.i.f. Tellicherry is lower at 48s. 6d. c.i.f. for April-May shipment; Alleppy is 48s. c.i.f. White Muntok is weaker at 8½d. spot. Sales for shipment include March-May at 7½d., April-June and May-June at 7½d., and August-October at 7½d. to 7½d. c.i.f.

PIMENTO is casier at 3½d. per lb. on the spot, and for May-June shipment sellers quote 25s. 6d. per cwt. c.i.f.

PSYLLIUM SEED is quoted at 2s. 6d. per lb. for French.

RUBBER is fractionally firmer on the week, with buyers showing slightly more interest in the market. Quotations (Wednesday, 5 p.m.): No. 1 standard ribbed smoked sheet, spot, May and June, 2½d.; July-September, 3½d.; October-December, 3½d. per lb.

SAFFRON is firmer at from 41s. to 43s. per lb. for Valencia, as to quality.

SEEDS.—ANISE.—Spanish is 47s. 6d., Bulgarian 32s. 6d., and Russian 32s. per cwt. on the spot. CANARY.—Prices are firm on the spot. Mazagan in second hands is offered at 23s. 6d. A little Casablanca has been sold at 20s. Larache is quoted at 23s. 6d. and Kenitra at 19s. CORIANDER.—A little business in round seed has been passing at 9s. Weevilly

seed is offered at 8s. 6d. CUMIN.—Malta on spot is quiet and unchanged at 57s. 6d. Morocco on spot is offered at 55s., with a little business passing for export. FENUGREEK.—Old crop Morocco is worth 17s. per cwt. on spot. New crop is offered at from 14s. to 15s. Tunisian is selling in small lots at 17s. 6d. on the spot. CARAWAY.—Dutch prime yearling on the spot is being held for 31s. to 32s. New crop is offered at 23s. 6d. MUSTARD.—English remains quiet at from 22s. 6d. to 30s. per cwt., according to quality.

SENEGA is unchanged on the week at 2s. 3½d. to 2s. 4d. per lb. spot, and to arrive 2s. 6d. per lb. c.i.f.

SENNA PODS.—A fair business in Alexandrian pods is reported, and prices are 2d. to 3d. higher, especially for medium grades. Really good selected pods are difficult to find; medium mixed, from 1s. 3d. to 2s., as to quality; good manufacturing pods are selling at about 6d. to 10d. per lb.; ordinary manufacturing, 4d. to 5d. per lb.

SHELLAC.—The spot market closed steady last week, usual standard TN orange offering at 77s. 6d. per cwt., since when there has been no change; fine orange is 90s. to 165s., pure button 90s., and AC cakey 85s. per cwt. To arrive, sellers of TN for April-May and May-June shipment quote 66s. c.i.f. For delivery, sales of TN for May have been made at 69s. 6d. to 70s., August at 69s. to 72s. 6d., and October at 73s. 6d.

SQUILL is about steady, with fair white at 18s. 6d. per cwt. on the spot.

TARAXACUM of Continental origin is worth about 48s. to 50s. per cwt. on the spot.

WAX (VEGETABLE).—Japanese is quoted at 50s. per cwt. spot and at 43s. 6d. c.i.f.

Essential Oils

BUSINESS continues generally quiet and limited in volume. The Sicilian oils, bergamot, lemon and orange, are slightly easier. American peppermint remains unsteady, while there is more interest shown in Japanese dementholised. Spearmint is easier and cumin dearer.

ANISE STAR is in slight demand with no c.i.f. business. The spot price for leads is 2s. 3d., tins 2s. 2d.; drums are not offered on the spot. C.i.f. prices are: leads 1s. 8½d.; tins 1s. 7½d., and drums 1s. 7d. c.i.f.

BERGAMOT is cheaper at 7s. 6d. per lb. spot for 38 to 40 per cent., and to arrive 7s. 3d. c.i.f. is quoted: 35 to 36 per cent. is 6s. 10d. spot and 6s. 7d. c.i.f. to arrive.

CASSIA is quiet. B.P. oil guaranteed free from alcohol is quoted at 3s. 1½d. and c.i.f. to arrive at 2s. 7½d.

CINNAMON LEAF is easier on spot at 3s. 7d. to 3s. 9d. per lb. Forward is unchanged at 2s. 10d. per lb.

CITRONELLA.—The price for Ceylon on spot is 1s. 7½d. per lb.; forward, 1s. 5d. per lb. c.i.f. Java on spot is about 2s. per lb., and for shipment 2s. 0½d. per lb. c.i.f.

CUMIN is quoted dearer on spot at 23s. per lb.

EUCALYPTUS 70 to 75 per cent. is quoted from 1s. to 1s. 1d. per lb. spot, and 80 to 85 per cent. at 1s. 2d. to 1s. 3d.

GINGERGRASS is about 7s. per lb. on spot, and to arrive about 6s. 6d. per lb. c.i.f.

LEMON.—Sicilian hand-pressed is cheaper, spot offering at from 2s. 9d. to 3s. 3d., and c.i.f. at from 2s. 7d. to 3s. Machine-made on the spot is quoted at from 2s. 4½d. to 2s. 7½d., and c.i.f. to arrive at from 2s. 3d. to 2s. 6d. per lb. Californian is quoted at 2s. 3d. per lb. in drums, on spot.

LEMONGRASS is unchanged at 2s. to 2s. 1d. per lb. on the spot.

ORANGE.—Sicilian sweet is cheaper at from 8s. to 8s. 3d. per lb. on the spot, and on c.i.f. terms from 7s. 10½d. to 8s. is quoted. Californian orange on spot is at 4s. 3d. per lb. for single cases, and at 5s. 10d. for five to ten cases.

PALMAROSA is dearer on spot at 8s. 3d. per lb., and the shipment quotation has moved up to 7s. 10d. per lb. c.i.f.

PEPPERMINT.—Quite a good spot interest is shown in lots of five to ten cases, and a considerable amount of business is reported in Japanese dementholised. Those requiring oil for use during the next three or four months can buy much cheaper on the spot, even after taking into account the cost of keeping the oil. For K/S brands sellers quote 4s. 3d. spot, and for July-August shipment 4s. 5d. c.i.f. First-hand sellers appear to be quite indifferent to prices quoted by second-hands, and make no effort to meet the competition. There are reports as to the bulk of the Japanese stocks being strongly held by powerful financial

interests. American is weak at 7s. 9d. to 8s. as to brand on the spot; c.i.f. is 7s. 3d. in cases and 7s. in drums.

The exports of domestic peppermint oil from the U.S.A. during February 1931 amounted to 19,675 lb., valued at \$39,115, against 26,123 lb., valued at \$103,996, in February 1930. During January and February 1931 the exports were 34,259 lb. (\$71,398), against 40,836 lb. (\$151,893) for the corresponding period of 1930.

ROSE.—Bulgarian is offered at 90s. per oz. for "own distillation"; 60s. for "pure," and 37s. 6d. for product described as "B.P."

SPEARMINT is easier forward at about 10s. 6d. per lb., c.i.f., and spot is quoted at 11s. to 11s. 3d. per lb.

WORMSEED (CHENOPodium) is unchanged on spot at 13s. 6d. to 14s. 6d. per lb., as to seller.

The following arrivals have taken place from the countries indicated during the period April 29 to May 5 inclusive:—Anise, star (Ch.) 55 pkgs.; bergamot (It.) 27 cs.; cananga (Fr.) 1 dm.; cassia (Ch.) 20 cs.; citronella (Jv.) 7 dm., (Cey.) 3 dm.; clove (Fr.) 2 dm., (Madag.) 1 dm.; geranium (Bourb.) 2 cs., (Fr.) 8 dm.; lavender (Fr.) 2 cs.; lemon (It.) 67 cs.; lime (B.W.I.) 1 cs.; peppermint (U.S.) 10 cs., (Jp.) 45 cs.; spearmint (U.S.) 2 cs.; vetiver (Jv.) 2 dm.

Industrial Chemicals, etc.

London, May 6.

BUSINESS continues on rather modest lines, while the market remains steady in all directions. The demand for industrial chemicals during March showed a slight improvement over former months.

ACETIC ACID continues at level figures, with an average demand: 80 per cent. technical, £36 5s.; 80 per cent. pure, £37 5s. per ton, in barrels; glacial, pharmaceutical, 99 to 100 per cent., £58 per ton, in glass demijohns; glacial, in barrels, £47 per ton, carriage paid in U.K.

ACETONE is meeting with a sustained call, with the market still competitive: B.G.S., £60 to £62 10s. per ton, and less for large quantities.

ARSENIC.—Cornish continues nominal at about £19 per ton, f.o.r. Some foreign arsenic is being offered c.i.f. Liverpool or London down to £16 10s. for quantities; while other quotations are about £17 to £17 10s. per ton, c.i.f. U.K.

FORMALDEHYDE is fairly steady, although there is competition for any important business: 40 per cent. by volume, about £29 10s. per ton, in casks, ex store; cheaper prices for bulk quantities.

ISOPROPYL ALCOHOL is moving fairly well and prices are about steady: first quality, 10s. to 10s. 6d. per gallon, in drums, carriage paid; cheaper prices for lower grades.

LEAD PRODUCTS.—The Convention prices for red lead were reduced on May 5 by £2 per ton: English, five to ten cwt., £29 10s.; ten cwt. to one ton, £29 5s.; one to two tons, £29; two to five tons, £28 10s.; five to twenty tons, £28; 20 to 100 tons, £27 10s.; over 100 tons, £27 per ton, less 2½ per cent., carriage paid, Continental material £1 per ton cheaper; non-setting red lead is 10s. higher. Convention prices for white lead, dry and ground in oil, are unchanged.

POTASH CARBONATE is rather easy, while business is on the quiet side: 90 to 92 per cent., £23 2s. 6d.; 96 to 98 per cent., £25 2s. 6d. per ton, in casks, ex store; lower prices for contracts.

POTASH CAUSTIC is still unchanged at Convention figures, but sales are being made at less: 88 to 92 per cent. solid, £29 10s. to £34 10s. per ton, in drums, ex store; 30s. per ton less c.i.f. in all cases.

POTASH PERMANGANATE is unchanged, with business showing up better: commercial quality, in two-cwt. drums, about 4½d. per lb., ex store.

POTASH PRUSSIAN.—Yellow is very steady and business has been fair: quantities, £63 10s. to £65 10s. per ton; single casks, 7d.; small parcels, 7½d. per lb.

SAL AMMONIAC remains rather slow in demand and dealers' prices are easy: dog-tooth crystals, £32; medium, £28; fine white crystals, £17 per ton, in casks, ex store; cheaper prices for contracts.

SALTCAKE for home trade is moving fairly well, with the price for bulk quantities from 55s. per ton.

SODA ACETATE is irregular, prices ranging from £17 to £18 per ton, in casks, ex store.

SODA CHLORATE is maintained at £26 5s. per ton, ex store, but business is very limited.

SODA HYPOSULPHITE is meeting with a fair seasonal demand, the market being easy: dealers quote pea crystals in one-cwt. kegs, £15 per ton; commercial quality,

£9 2s. 6d. per ton, in casks, ex store; makers' price for pure crystals to home consumers on contract, £15 per ton, carriage paid to buyer's station.

COAL-TAR PRODUCTS, ETC.—**BENZOL**, standard motor 90's, is moving fairly well, with prices ex works, in tank wagons, about 1s. 4½d. per gallon country, and 1s. 5d. London. **CARBOLIC ACID CRYSTALS** meet with moderate business: 25 to 50 ton lots, 5d. to 5½d.; five-ton lots, 5½d.; small parcels, 6d. to 6½d. per lb., carriage paid or f.o.b., in drums with over-casks. **CRESYLIC ACID** has been in rather better demand and the market is healthy: pale 98 to 100 per cent., 1s. 6d. to 1s. 8d.; dark 95 per cent., 1s. 5d.; special qualities, 2s. 1d. to 2s. 2d. per gallon, ex works. American duty-free acid is steadier at 1s. 6d. to 1s. 8d. per gallon, f.o.b. in quantities. **MOTOR SPIRIT**—Prices are steady at advance with the Budget: No. 1, 1s. 3½d. per gallon for U.K., except North Scotland, which is 1s. 4½d.; No. 2 spirit 2d. per gallon less, all delivered in bulk. **NAPHTHALENE** is quiet: purified crystals, £11 15s. per ton. **PYRIDINE** meets with only a very limited demand: 90 to 160 quality, 3s. 6d. per gallon. **SOLVENT NAPHTHAS** are by no means in active demand: 90 to 160, 1s. 2½d.; heavy 90 to 190, 1s. 1½d. per gallon, naked at works. **TOLUOL** is in occasional demand: commercial 90's, from 1s. 9d.; pure, from 1s. 10d. per gallon, ex works. **XYLOL** remains dull: commercial, 1s. 8d.; pure, 1s. 10d. per gallon, ex works.

Fixed Oils, etc.

A FURTHER slump in values of the majority of products in this market is recorded, and business is still sluggish. Castor, coconut, cotton, groundnut, palm kernel, palm, rape and linseed oils are easier. American turpentine shows a loss on the week. **ACID OILS** remain dull and are a shade easier: coconut and/or palm kernel, 21s.; groundnut, 19s. 6d.; soya, 15s. 6d. spot. **CASTOR** is easier on a soya market: pharmaceutical, 39s. 6d.; first pressings, 34s. 6d.; second pressings, 32s. 6d. (barrels); cases, £4 ton extra, ex mills, Hull, in not less than one-ton lots; Madras, 29s. 6d. (barrels) c.i.f.; Bombay (drums), 20s. c.i.f. **COCONUT** remains dull and is a point down on the week: deodorised, 31s. 6d. (barrels) spot; Ceylon, 21s. 6d. (drums) c.i.f. **COTTON** is again easier and business is slow: deodorised, 28s. 6d.; common edible, 26s. 9d.; soapmaking, 25s. 3d.; crude, 22s. 6d. (barrels) spot. **GROUNDNUT** is still dull and again easier: deodorised, 29s. 9d. (barrels) spot; crude Oriental, 24s. (drums) c.i.f. **PALM KERNEL** is cheaper on a quiet market: deodorised, 29s. 3d.; crude, 24s. 6d. (barrels) spot. **PALM** shows a further fall in values and the market is dull: Lagos, 14s. 6d.; softs, 14s. 3d.; mediums, 14s. 9d.; hards, 15s.; bleached, 17s. 6d. (barrels) spot. **RAPE** is again easier and dull: refined, 33s.; crude, 31s. 6d. (barrels) spot. **SOYA** is about level on the week: deodorised, 26s. 3d.; crude Oriental, for shipment, 15s. 6d. in bulk. **LINSEED** (raw, naked) has been slow and values for all positions show a slight fall: on spot, 17s. 9d.; May, 16s.; May-August, 16s. 3d. September-December, 17s. 3d., naked, ex mill. Boiled oil, spot, 21s. 3d. (barrels). Linseed oil, fatty acid, 20s. 6d. c.i.f. (barrels). **TURPENTINE** shows a reduction in value on the week and is rather dull. Deliveries for the week total 1,884 barrels, and stocks in London are 37,619 barrels; on spot, 42s.; June, 42s. 3d.; July-December, 42s. 6d., ex-wharf. There has been a discussion in Parliament on the legality of Customs action in collecting light hydrocarbon oil duty on, amongst other products, turpentine. Imports of turpentine during 1930 totalled 519,023 cwt., or about 7,266,322 gallons. The revenue obtained, on a sixpence per gallon basis, would be £181,653. **WOOD** is again easier on spot, with Hankow quoted at 35s. 6d. spot and 33s. 6d. c.i.f. **RESIN**—Receipts in America were larger: demand slackened off. C.i.f.: American B 9s. 1½d., D 10s. 4½d., F/G 11s. 5d., M 13s. 5d., W/G 17s. 1d., and W/W 18s. 7½d. French neglected; cheaper forward offers and F/G was at 11s. 4½d., W/G at 12s. 1½d., and W/W at 12s. 3d. **OLIVE** has been dull this week: edible, 67s.; pharmaceutical, 52s. 6d.; technical, 47s. to 42s. (barrels) spot.

Mexican Arsenic

ARSENIC is produced in Mexico chiefly as a by-product of the smelter at San Luis Potosi. The arsenic plant is said to be the largest in the world with a capacity of 800 metric tons per month, and owing to diminished exports to the United States now has 1,800 tons of white arsenic in storage and 23,000 tons of black arsenic in process of refinement. The railways are using arsenic in large quantities for weed-killers in their right-of-way.

Java Cinchona and Coca Exports

THE following table shows the exports of cinchona and coca from Java during the period January to December 1930, compared with the previous year (amounts in kilos):—

	Cinchona		Coca	
	Jan.-Dec. 1929	Jan.-Dec. 1930	Jan.-Dec. 1929	Jan.-Dec. 1930
Great Britain ..	Kilos 11,273	Kilos 31,037	Kilos 726,942	Kilos 822,510
Belgium-Luxemburg ..	—	—	51,036	50,738
France ..	37,949	—	289	—
Germany ..	69,525	65,796	—	—
Italy ..	—	—	86,976	153,534
Japan ..	42,881	—	773,532	335,443
Netherlands ..	465,809	280,793	7,201,822	7,860,507
Philippines ..	—	—	—	207
Other countries ..	—	54	—	—
Total ..	627,437	377,730	8,840,597	9,222,939

Exports of quinine from Java during the year 1930 were 53,680 kilos, against 47,631 kilos during 1929.

Bulgarian Otto of Rose

THE following table, compiled from the statistics published recently by the General-Direction of Statistics, Sofia, shows the quantity and value of exports of otto of rose from Bulgaria during the first six months of 1930, and also the April-June period:—

Destination	April-June		January-June	
	Kilos	1,000 leva	Kilos	1,000 leva
Czechoslovakia ..	1	106	1	106
France ..	523	58,039	650	72,143
Germany ..	42	4,602	73	8,007
Great Britain ..	228	25,233	257	28,464
Holland ..	—	—	?	27
Hungary ..	—	—	?	11
Italy ..	2	254	8	977
Jugoslavia ..	—	—	?	11
Poland ..	—	—	2	166
Sweden ..	2	233	2	223
Switzerland ..	111	12,229	111	12,235
United States ..	15	1,622	28	3,096
Other countries ..	—	—	?	11
Total ..	924	102,308	1,132	125,477
1929 ..	537	52,065	711	65,299

Exports of Jamaica Essential Oils

THE exportation of the various kinds of citrus oils from Jamaica is not shown separately for the years of 1925, 1926 and 1927 as they are grouped under the heading of "Essential Oils." However, it has been estimated that about 90 per cent. of the essential oils exported was orange oil and the remainder lime oil and pimento oil. The following tables give the exports from Jamaica of essential oils for the past four years and the first three months of 1929, showing countries of destination, quantities and values:—

	Quantity				
	1925	1926	1927	1928	1929 (3 mths.)
	gallons	gallons	gallons	gallons	gallons
Germany ..	—	—	—	132	—
United Kingdom ..	3,473	1,175	2,378	3,377	801
Canada ..	508	807	739	944	—
United States ..	11,314	5,634	10,202	10,386	3,310
France ..	44	22	—	—	10
Total ..	15,339	7,638	13,319	14,839	4,121

	Value				
	1925	1926	1927	1928	1929 (3 mths.)
	£	£	£	£	£
United Kingdom ..	7,214	3,114	5,226	7,974	4,210
Canada ..	1,521	2,905	2,932	2,364	—
United States ..	29,638	17,684	21,541	31,336	16,497
France ..	138	75	—	613	—
Germany ..	—	—	—	—	—
Total ..	38,511	23,778	29,699	43,287	20,802



Letters for this section should be written on one side of the paper only. Correspondents may adopt an assumed name for purposes of publication, but must in all cases furnish their real name and address to the Editor.

British Pharmaceutical Conference, 1931

SIR,—We wish to remind all members that we shall be glad to receive communications from research workers in subjects allied to pharmacy, and that papers from pharmacists and others on subjects of practical pharmaceutical interest would be welcomed. Authors are requested to let us know as soon as possible the titles of the papers which they intend to submit, and to send us the manuscripts not later than June 1. Papers read at the Conference will be published in the "Quarterly Journal of Pharmacy and Pharmacology," and authors will be entitled to a limited number of reprints.—Yours faithfully,

C. E. CORFIELD,
G. R. BOYES,
General Secretaries.

17 Bloomsbury Square, London, W.C.1.

Council Election

SIR,—The idea seems to be prevalent that the main reason why Mr. J. W. Atkinson's candidature should be supported is that the Birmingham district is at present without representation on the Council. While that is a factor which will count for much with the electorate in a very wide area, I venture to suggest that it is by no means the strongest point in Mr. Atkinson's favour. For my own part, I should vote for him wherever he happened to live, and this for the plain reason that I believe that the Council would be strengthened if he were a member of it. He is not a politician—another point in his favour—but his many years' experience as an office-holder of the Birmingham Pharmaceutical Association must have brought him into intimate contact with the work of the Society and the needs of pharmacy as a whole. Above all, however, he is a level-headed pharmacist whose business life has been spent in and about his shops. His programme, as I read it, amounts to this: Let us use our endeavours to hold what we have, and let us try to get as much more as we can reasonably and rightfully ask for. We do not want the Pharmacy and Poisons Bill in its present form, but if the reservation of dispensing to chemists could be ensured and the granting of poison licences to unqualified persons were properly controlled, we could swallow the Bill with the best grace possible. He does not promise to get the moon or the stars for us; if he did I should not vote for him. His whole business record shows him to be a staunch man, and he will have my support, not because he lives in Birmingham, but because, as I have already said, the Council will be stronger if he is a member of it.

Yours faithfully,

FRED J. GIBSON.

Wolverhampton.

SIR,—Now that the retiring candidates who present themselves again for election have published their manifesto, we are in a position to get a grip on the situation and make up our minds how we mean to vote. Quite frankly, the seven official candidates, as we may term them for convenience, ask us to re-elect them in order that they may complete work they have in hand and utilise their experience in sharing the conduct of the Pharmaceutical Society's affairs to make the best of things after the Pharmacy and Poisons Bill is mended or ended. As regards the other candidates, one who tells us that his hobbies are fishing and conjuring states

an impracticable policy and is evidently without the slightest knowledge of the real difficulties and dangers confronting pharmacy at the present time. Next in order comes the worthy owner or part-owner of several chemists' shops, who has had long and valuable experience, and submits a programme which is nothing but a restatement of the attitude of the Council of the Society towards the Pharmacy and Poisons Bill. He, too, seems ignorant of present difficulties and threatening dangers, and will need to learn all about them. Then presents himself a reformer who would restrict prescribing to the doctor, dispensing and the sale of poisons to the chemist, and the supply of all drugs and medicines to registered persons, including in that category all existing drug-store proprietors and herbalists, whom apparently he is prepared to register without examination. This is a bold conception. Another candidate, whose name has been much in evidence of late, entertains us with many words in which he, somewhat unconvincingly, enumerates the details of an undoubtedly varied career, and states that he is opposed to the Pharmacy and Poisons Bill. He does not appear to be engaged in the practice of pharmacy, but shares with the aforementioned reformer a disposition to adopt territorial representation—that wonderful panacea which the R.P.U. has tested and found wanting. Last comes a Scottish candidate, who states that his slogan is "Pharmacy for the Pharmacist," but fails to explain what that means. He is more fertile in constructive policy than any of the other unofficial candidates, but spoils his case by the assertion that Scotland is inadequately represented on the Council, because numerically it is fully represented. Need I add that I am disposed to vote for the official seven who have proved their worth and seem to know on the whole what requires to be done? One of your regular contributors has recently referred to rumours that all is not well at No. 17, and it would be helpful to members of the Society, when asked to vote at a Council election, to know that the conduct of affairs is really in the hands of councillors who are kept fully informed of all that is happening.—Yours faithfully,

PHARMACEUTIST (4/5).

Irish Pharmacy and Irish Unity

SIR,—“Observant Member” hits the nail on the head (*C. & D.*, p. 527) when he says: It is time the Council awakened to a sense of duty and responsibility. Apparently some members of the Council have been suffering from the delusion that the Council was instituted for their own glory and the material advantage of their friends. No doubt reciprocity with Northern Ireland, and modified examinations for those who lack the ability to pass the Licence examination in the ordinary way, would further the interests of individual members. But it seems to be forgotten that the duty of the Council is to protect the interests of all—not merely to promote the well-being of individualists. The time for action has come. The full text of the proposed Pharmacy Bill must be published. Steps must be taken to ensure that the Preliminary examination shall be suspended; the growth of the multiple shop system be checked; and the interests of the students be safeguarded by representatives of the Assistants' Union on the Council.—Yours, etc.,

SPERO (6/5).

Pharmacy and Poisons Bill

SIR,—A survey of the position of pharmacy at the present moment is a somewhat gloomy business, and I am sure it will be generally admitted that we are well and truly “up against it.” A realisation of our plight by all concerned is a definite necessity, because until this occurs the apathy which has so long been very evident amongst members of our craft will defeat any attempt to rescue our calling from the destruction this Bill so clearly threatens. . . . It is a very great pity that “the powers that be,” in their wisdom, did not see fit definitely to oppose the Bill, so that it might be made impossible to put such a measure on the

statute-book in any form at the very outset; if perchance this terrible example of departmental tyranny gets through the House to the material disadvantage of pharmacy, the onus will be on those in power, because I think the situation as we find it at the moment might easily have been avoided. . . . I am, however, happy to say that there are many optimistic souls amongst us who are confident that things may yet be put right for all of us if the right policy is adopted towards this Bill. We must kill this measure, for if it comes into being it will surely kill us and all we stand for. Even at this, the eleventh hour, we will hope for the very best.—Yours very faithfully,

THOMAS C. MILLER.

Dunfermline.

SIR,—As a young chemist I would like to know how a qualified assistant will be expected to pay large fees out of a falling salary if the Bill becomes law. I would like to know whether the Council consider the expense of qualifying is worth while should this Bill pass. As a licensed seller of poisons, I could sell nearly everything a chemist sells. Regarding dispensing, does this pay to-day? N.H.I. work certainly does not, and many chemists seldom see a prescription apart from N.H.I. work. I appeal to every young chemist to vote against this Bill unless he wants to see his living filched from him.—Yours faithfully,

A YOUNG CHEMIST (4/5).

SIR,—The Council of the Society have for one twelve months been negotiating with the Government departments, and the introduction of the Pharmacy and Poisons Bill without amendments of the Council was their first rebuff. That the Bill passed its second reading in the House of Lords, when the Council's amendments were again rejected, was the second rebuff. The Council are so weak as to risk a third rebuff, they will find that the Bill is then too far through Parliament to oppose. Such is the position old men have placed us in. When will chemists use their vote and rid themselves of these limpets who year after year are growing weaker and weaker, and insults to our profession are growing more and more?—I am, etc.,

GINGER (4/5).

SIR,—Mr. Neathercoat says, in his letter published on May 2, "Broadly, Part II of the Poisons List . . . will, subject to Statutory Rules, go into Part I of the List." Are we to assume, from this statement, that such things as come under the heading of "all preparations or admixtures, etc.," will have to be entered in the poison-book? If so, the extra work, especially in the smaller pharmacies, would make the position impossible.—Yours faithfully,

CHARLES KENT.

Barnehurst.

SIR,—I think members of the Society are being misled. The Council of the Society stated that it would oppose the Bill if its amendments were not accepted. These amendments were turned down when the Bill was introduced into the House of Lords. Since then these amendments have been turned down at both readings in the House of Lords. The question is, when does the Society consider the amendments have been finally rejected? The second reading of the Bill in the House of Commons is now looming near, and if the Bill is not defeated then, all hopes can be abandoned. I submit that the amendments have already met their fate, and by not opposing the Bill at once and with all the influence it can bring to bear, the Council is not keeping its pledges nor being honest with members of the Society.

Yours faithfully,

ICH DIEN (6/5).

Careless Wrapping

SIR,—Apropos of a statement made in the House of Commons by a member recently, and reported in your issue of April 11 (p. 423), I have to-day come across an instance of how such information is broad-

cast and heedlessly, too. I had occasion to unwrap a certain veterinary preparation, and to my astonishment I found it was wrapped in pages of *THE CHEMIST AND DRUGGIST*. I enclose two such wrappings, from which you will see that text and advertisement pages are used indiscriminately. These advertisements, so frequently bearing costs and profits, are certain, in an agricultural district, to come, sooner or later, under the notice of an agitator, who would, most assuredly, seize the opportunity of crying aloud how we "wicked" chemists mulct the people in enormous profits. I am much surprised that the firm who are responsible for this foolishness should do so, as they are a firm of considerable standing in the trade and governed by qualified men. In these days we, as chemists, cannot be too careful to avoid publicity of this nature.

Yours faithfully,

M. P. S. (21/4).

Price Cutting

SIR,—One recognises the fundamental truth of Mr. Ernest C. Cripps's remarks on price cutting (*C. & D.*, April 18, p. 457); but when one spends one's life behind the counter it becomes a difficult problem how to meet it. I would refer to Mr. Cripps's remarks on packing one's own proprietaries. Admittedly a big wholesale house can pack better and cheaper than, say, a qualified assistant at the counter, but there are very few pharmacies in which there is no unqualified labour. I did on one occasion buy a ready-packed mixture with own name and address. A month or two afterwards I had to go to town; in a large departmental store I saw the identical article, displayed (same label same carton). As my visits to town are few and far between, it is evident that my customers are more likely to visit these stores than I am, and at once my "own"-line idea is wiped out in addition to loss of confidence. Mr. Cripps's analysis of the cost of selling is really interesting; the average sale is reckoned to take two minutes and to cost 3.4d. By this reckoning all goods costing 4d. and selling at 6d. are unprofitable, but the question of frequency has to be taken into account. These costs show up particularly our scanty remuneration for dispensing, especially for N.H.I. work.

Yours truly,

SAPO DUR (28/4).

"Retail Pharmacist"

SIR,—Mr. John Humphrey is right. "Retail pharmacist" is a vile phrase, almost as bad as "psychological moment." Can Mr. Humphrey suggest a better? "Pharmacist" will not do, because we want an expression that indicates that we are retail shopkeepers as well as pharmacists. What does he say to "retailer-pharmacist," which clearly means retailer and pharmacist, on the analogy of housemaid-waitress (with which excellent folk my Lord Ponsonby and others appear to do us the honour of classing us)? If "retail pharmacist" is an abomination, so also, by the way, is "wholesale chemist." What is Mr. Humphrey going to do about it? Perhaps, like "putting a spoke in his wheel," the illogicality has come to stay.

Yours truly,

R. CECIL OWEN.

Chester.

"Truth in Advertising"

SIR,—Perusing the advertisement of a well-known American tooth-paste, I am astonished to note the final slogan, "The Chemist's Tooth Paste." Considering that the paste in question is obtainable from iron-mongers, hairdressers, grocers, haberdashers, etc., the use made of this slogan appears not only an impertinence but also a direct insult to the intelligence of British chemists. . . . Let us place the American booster where he belongs, buy "British" goods and sell "British" goods—and be proud of it.

Yours faithfully,

J. BUCHANAN.

Glasgow.

Dispensing Notes and Difficulties

An Unavoidable Precipitate

SIR,—Will you kindly explain the cause of a woolly appearance in mist. camphoræ co. (N.H.I.) after standing twelve hours. Recently I have had a lot of trouble with this mixture:—

Ammon. carb.	...	...	gr. 1½
Potass. nitrat.	...	...	gr. v.
Tr. camphoræ co.	...	...	℥. xv.
Vin. ipecac.	...	...	℥. vj.
Liq. ammon. acet. conc.	1-7	...	℥. xv.
Aquam	...	...	ad 3ss.

Yours faithfully,
R. A. P. (2/2).

[The peculiar woolly appearance of the precipitate which hangs throughout the liquid, and we presume ultimately falls to the bottom, is objectionable, but it is again distributed by a simple shake. A precipitate of some form is inevitable when such a large volume of a resinous tincture is mixed with water, or a preparation like vinum ipecacuanhæ is added in the presence of ammon. carb.; syrup, mucilage, etc., will prevent the appearance, and improve the mixture, but as an official N.H.I. prescription it should be dispensed as written. Therefore we do not suggest the addition of one ounce of mucilage of tragacanth to the 8-oz. bottle, although it is what we would suggest for a private prescription. The patient cannot object to the mixture as the precipitate does not adhere to the bottle.]

Legal Queries

J. F. (5/5).—*Bona-fide* wholesalers who do not carry on a retail business, or retail and wholesale combined, may use the title "manufacturing chemist" or "wholesale druggist." On the other hand, unregistered persons who have kept open shop as retailers, or have carried on a combined retail and wholesale business, have been fined for using these titles.

S. M. (23/4).—The addition of a dye to sodium carbonate deprives the latter of the character of an "entire drug" within the meaning of the Medicine Stamp Acts. Consequently, the use of the labels containing references to specific ailments would render the article liable to medicine-stamp duty unless you comply with the conditions regarding the sale of "known, admitted and approved" remedies unstamped by chemists.

B. R. (29/4).—The inclusion of the words "stiffness in muscles and joints" on the label of your rubbing paste renders the article liable to medicine-stamp duty. If you wish to sell it unstamped as a "known, admitted and approved" remedy, it will be necessary to comply with the new Order of the Board of Customs and Excise (C. & D., March 8, 1930, p. 300). In this case the complete formula, with the amount of each ingredient, must be disclosed on the label and also on the carton or wrapper, if any, together with the words "no proprietary rights are claimed in the preparation of this medicine."

F. C. S. (15/4) became tenant of a private house in 1922, at a yearly rent of £35. He sends the tenancy agreement that was signed at the time, which appears to create a yearly tenancy. His landlady has since died, and the present landlord is pressing "F. C. S." either to buy the house or to give up possession. Can "F. C. S." be turned out? ["F. C. S." appears to be entitled to the protection of the Rent Restriction Acts and cannot be evicted except by order of the County Court. No order would be made until the tenancy has been terminated by the requisite notice and then only upon one of the grounds specified in the Acts. In the ordinary way, "F. C. S." would not be required to vacate the premises unless alternative accommodation of an equally suitable kind is available.]

Miscellaneous Inquiries

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for, and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

R. S. (27/38).—FERTILISER FOR TOMATOES.—Phosphoric acid and nitrogen are the most important plant foods required by tomatoes. Nitrogen if applied too soon results in excessive leaf growth and the dropping off of the early flowers. A mixture of equal parts of superphosphate and bone meal should be used at the time of transplanting, and a top dressing of superphosphate (6 parts) and ammonium sulphate (1 part) when the flowers are set.

R. F. H. (29/38).—ACCUMULATOR JELLY.—Dilute good quality waterglass with hot distilled water and adjust s.g. when cool to 1.200. Slowly add one part of this to three of accumulator acid, s.g. 1.300, and mix well. Empty the accumulator, which should have been charged fully, and fill with the solution quickly and allow to stand until the jelly has formed. Some accumulators give better results than others.

J. L. D. (27/48).—PAINT REMOVERS.—We think your customer means "benzin," not "benzoin," as paint removing preparations frequently contain solutions of paraffin in benzin. Castor oil, soap, or coconut oil is usually added to retard the evaporation of the solvent. Other solvents are acetone, amyl alcohol, carbon disulphide, carbon tetrachloride, and ethane tetrachloride. They can either be used by themselves or mixed into a paste with powdered pumice. The following are typical formulas:—

I		II	
Strong solution of		Potassium	
ammonia	60 c.c.	hydroxide	500 gm.
Liquid paraffin	120 c.c.	Acetone	1,000 c.c.
Soft soap	375 gm.	Methylated spirit	
Soda ash	500 gm.	Oil of turpentine	
Lime water	2,000 c.c.	Benzin	500 c.c.
		Castor oil	300 c.c.
III			
Paraffin wax	1½ lb.		
Rosin	1½ lb.		
Acetone	2 pints		
Amyl acetate	4 oz.		
Carbon disulphide	1 pint		
Mineral naphtha	1 gall.		
Denatured alcohol	1 gall.		

Melt the wax, stir in the naphtha gradually; dissolve the rosin in the alcohol and add the other ingredients. Mix the two solutions. Apply by spreading thinly over the old paint. After a few minutes make a second application, when the softened paint can be easily removed with a blunt spatula.

Retrospect of Fifty Years Ago

Reprinted from

"The Chemist and Druggist," May 15, 1881

The British Pharmacopœia

The following discussion took place in the General Medical Council on the first day of its recent session:—

Dr. Pitman, in moving the appointment of a Pharmacopœia Committee, deprecated any intention of issuing a new pharmacopœia, four thousand copies of the old one being still on hand. He urged the appointment as being desirable for reporting annually to the Council.

Sir Wm. Gull, seconding the motion, thought the committee ought to prepare an annual addendum. He owed nothing to the official book, but was much indebted to Mr. Squire's volume. A book fourteen years old was useless as a pharmacopœia.

Dr. A. Smith supported this proposition. Last year seven hundred copies of the pharmacopœia were sold . . .



[Commenced C. & D., July 5, 1924]

Trypan Blue, diamine blue, congo blue, azidin blue, niagra blue, is a bluish-grey powder, used as a dye, and medicinally as an antiprotozoan agent in malaria and trypanosomiasis.

Trypan Red is a brown powder used as a dye and as an antiprotozoan agent.

Trypsin, trypase, is an enzyme of pancreatic juice which hydrolyses proteins to proteoses, and proteoses to peptones (tryptones), and finally leucine and tyrosine. It is a yellowish powder slightly soluble in water, and works more efficiently in a slightly alkaline solution.

Tuba Root.—See *Derris elliptica*.

Tuberose is a bulbous plant of the natural order *Amaryllidaceae*, and is probably Mexican in origin. The tubers are imported into England from Genoa and from North America and are cultivated under glass for their fragrant white flowers. The crops grown outdoors in the South of France are much more fragrant than those cultivated under glass. In the Grasse district the essential oil is extracted from the flowers, which are picked as they open, when the oil yield is at the maximum. The natural perfume of the tuberose is extracted by enfleurage in the cold, since the flowers continue to evolve perfume whilst in contact with the fat. A certain amount is also extracted by means of volatile solvents, but tuberose absolute is obtained in such small quantities that it is one of the most costly of all natural flower perfume materials. The oil has the following characters:—Specific gravity, 1.007 to 1.043; optical rotation, -2° $30'$ to -3° $45'$; acid value, 22 to 32.7; ester value, 234 to 243. The methyl esters of the benzoic and anthranilic esters, methyl salicylate, benzyl alcohol and benzyl benzoate have been identified in the oil, as well as a body of formula $C_{13}H_{20}O$ —probably a ketone—which has been named tuberone.

Tuberculin.—The Therapeutic Substances Regulations, 1927, restrict the name "Tuberculin" to preparations of fluid media on which *Bacillus tuberculosis* has been grown in artificial culture and which have been freed from the bacilli by filtration. *Old Tuberculin* is the concentrated filtrate from the growth of *Bacillus tuberculosis* on a suitable nutrient broth grown at approximately 37° C. for a period (usually not less than six weeks) sufficient to allow the surface to become covered by a thick growth. The fluid medium (from which the bacilli may or may not have been previously separated by filtration) must be concentrated by evaporation to one-tenth of its original volume, and then filtered. If the preparation proves more potent than the standard, it may be reduced by appropriate dilution, but further evaporation to increase potency is prohibited. The proper name of the preparation is "Old Tuberculin," with or without a suffix such as T., or P.T. The suffix T. (if used) indicates that the bacillus used was obtained from a case of human infection, and the suffix P.T. a bacillus of bovine origin. *Tuberculin Bouillon Filtrate* is the unconcentrated filtrate from the growth as above, freed from bacilli by filtration through a bacteria-proof filter. The suffix T.O.A., if used, indicates that bacillus used was of human origin, and the suffix P.T.O. that the bacillus used was obtained from a case of bovine infection. It is tested for absence of living tubercle. In addition, all tuberculins are tested for sterility and for absence of non-specific toxicity (by subcutaneous injection of 5 c.c. into a normal guinea-pig). *Tubercle Vaccines* consist of suspensions in water, or other suitable

suspending fluids, of killed organisms or products obtained by the growth of *Bacillus tuberculosis* on artificial media. Each batch is to be compared with a standard preparation kept in the National Institute for Medical Research at Hampstead, London, N.W. Tuberculin is used in order to test cattle for the presence of tuberculous disease. There are two main forms of tuberculin test: (1) the subcutaneous test (a temperature test following on the hypodermic injection of a measured quantity of tuberculin), and (2) the intradermal test (a clinical estimation of the swelling produced by an injection of tuberculin into the skin). The Tuberculin Committee of the Medical Research Council has devised a modification of the intradermal test, known as the double intradermal test. This test has recently been made obligatory by the Ministry of Health and by the Department of Health for Scotland in the case of herds licensed for the production of Certified Milk and Grade A (T.T.) Milk.

Trusses.—Appliances by means of which a weak spot in the abdominal wall or elsewhere is supported. The three ordinary forms are inguinal, femoral and umbilical, corresponding to the common situations of rupture, the groin, the upper part of the thigh and the umbilical respectively; scrotal hernia, in which the bowel descends to the scrotum, may also be treated. The object of a truss is to exercise pressure continuously and sufficiently firmly. For umbilical hernia a bandage with a pad in front of it is used. For other hernias the trusses used generally consist of a pad and a metal spring going round the body; the former to keep the bowel from protruding, and the latter to keep the pad firmly and evenly applied. Sometimes the rupture occurs on both sides, when it is necessary that the truss should have two pads. Pads are sometimes made of leather stuffed with hair, india-rubber (solid, inflated or filled with glycerin), cork or wood; it is important that pads should be easily kept clean. In measuring for an inguinal hernia, the tape must be placed high up behind, at the base of the sacrum, just below the anterior superior spines at the sides, and at the level of the upper part of the symphysis pubis in front. When measuring for a single truss the actual measurement taken is the right one to forward to the truss maker. If the patient requires a double truss, it will be well to add an inch to the actual measurement, as a double truss does not give at all. In a truss with a metal spring and pad there are two chief causes of complaint. One is the friction and the pressure of the spring over the parts behind on the back, and at the sides below the anterior superior iliac spines. The other cause of trouble is the actual pressure of the pad or pads at the site of the hernia aperture or apertures. Much of this is due to faulty construction of the pad or a wrong direction of the curve of the spring. The improper curve of the spring should not occur if the truss has been properly constructed. Close attention must be given by the wearer to keep the skin clean and dry. A little friction with methylated spirit or eau de Cologne, night and morning, for the first few weeks tends to harden the skin and keep it aseptic. In addition, a light powdering each morning, after the application of the spirit, with a powder consisting of one part of boric acid, one part of zinc oxide, and two parts of fine starch powder, is helpful to keep the skin dry where the pads press. Before fitting on a truss it is always necessary to reduce the rupture. For this purpose the patient should be asked to lie on his back with his knee slightly bent and rotated outwards; the rupture should then be grasped with the right hand and gently but firmly pressed back towards the opening through which it came down, the thumb and fingers of the left hand being at the same time employed to form an arch or guide to assist in the reduction.

Tungsten, W=184, wolfram, wolframium, is a heavy metal and element, s.g. 19.10, m.p. 2,974, insoluble in water, soluble in nitric acid and hot hydroxide solutions. It occurs in nature in wolframite, scheelite, and tungstite, and is used as ferro-tungsten in the manufacture of steel for high-speed tools, and as metallic filament.

Turbith.—See Turpeth.

The C.&D. Commercial Compendium

Turkey Red Oil is a fatty substance employed in the preparation of cotton fibre for dyeing and printing Turkey red. The action of concentrated sulphuric acid on oils and fats is used on a large scale in the manufacture of Turkey red oils. Opinions differ as to whether the Turkey red oil exercises a physical or chemical action, the supporters of the former theory asserting that the oil protects the lake formed on the fibre, whereas those who hold to the latter theory believe that the Turkey red oil combines with alumina and finally with the colouring matter to form a compound lake. At present Turkey red oil is prepared by running concentrated sulphuric acid into castor oil slowly, with continuous agitation and not exceeding a temperature of 35° C. The product is then mixed with water and allowed to settle out. The lower layer is drawn off and washed with a Glauber's salt solution until the washings are only slightly acid. Finally, ammonia is added, until a sample yields a complete emulsion with a small quantity of water. The water-soluble portion of Turkey red oil so prepared consists of ricinoleo-sulphuric acid. The water-insoluble portion consists mainly of free ricinoleic acid and small quantities of neutral (unacted on) oil, and probably also of anhydrides of ricinoleic acid. Commercial Turkey red oils are viscous, transparent fluids, and are of very variable composition according to methods of preparation.

Turmeric is the name for the fresh or dried rhizomes of *Curcuma domestica*. Thevenot, formerly called *C. longa*, a plant of the ginger family, indigenous to Southern Asia, where it is largely cultivated.

HISTORY.—From ancient and mediæval times India has furnished this important drug to all countries of the world. Dioscorides and Pliny refer to it as the product of an Indian plant, *Cyperus indicus*, resembling ginger, but having, when chewed, a yellow colour like saffron. There is a record of the drug being brought overland to China by the Persians prior to 572 A.D. Garcia da Orta (1563) describes it as *Crocus indicus*; this and the name Safran des Indes show its relation to saffron, a yellow dye, so much admired in the East. The names Haridra (Sanskrit), Dar-halad (Hindi) and Zard-chubah (Persian), signifying "yellow sticks" or "yellow wood," distinguish it from saffron stigmas. In Arabic it has the names of Uruk-es-sufri, "golden root," and Uruk-es-sabaghin, "dyers' root." In China it is called Huang chiang, "yellow ginger." In India other names for turmeric are Haldi (Hindustani), Halad (Bombay) and Manjal (Tamil). In Malay it is Kunyit and Kunyit-makan. The name Curcuma is evidently derived from the Persian Karkam, Hebrew Karkom, and the Arabic Kurkum. The origin of turmeric is more obscure. Terre merite (French), Terra merita (Lat.), meaning "deserved," or "deserving earth," are names the powder bore in commerce among apothecaries in the sixteenth century. There may be a relation between this and other names recorded during that century: Tarmaret (1545), turmeriek (1577), turmeracke (1578).

DESCRIPTION.—Curcuma is extensively cultivated all over India and its cost is relatively equal to that of sugar cane and ginger. Two main crops are raised, one forming a soft rhizome used as a condiment, and the other, whose rhizome is harder and more highly coloured, employed for dyeing. The ovate root-stock develops in the first year and throws out shoots forming lateral or secondary rhizomes. The turmeric of commerce, therefore, consists of two sorts: the central, round or "bulbs," and the lateral, long or "fingers." They are distinguished locally as hadua or round and gangakuria or long-shaped. The former are ovate or fusiform and the surface marked with concentric ridges. The lateral rhizomes are sub-cylindrical, attenuated towards either end, covered with a rugose skin and marked with transverse rings. They are often sliced or split and usually scalded in order to destroy their vitality and facilitate drying. The rhizomes are hard and firm, with a dull, waxy or resinous fracture of an orange or orange-brown hue. They have a strong characteristic odour and peppery, bitter taste. There are several varieties of turmeric distinguished by the names of the countries or districts in which they are

produced. In India the principal sorts are Madras, Bengal, Cochin, Calicut, Balseni and Rajaputi. Madras "finger" is highly esteemed, and Cochin "split bulbs" are a favourite line, but those of Bombay and Sind are considered inferior. Chinese turmeric is of great value and much superior to that of Java, but it is seldom met with in the European market.

COMPOSITION.—Turmeric yields to alcohol a deep yellow solution. The crystalline colouring matter called curcumin is obtained by exhausting the drug with benzene. According to Jackson and Menke (1882), it has the formula $C_{14}H_{16}O_4$ and melts at 178°. The crystals have the odour of vanilla and form red-brown salts with alkalis. It is soluble in methyl and ethyl alcohol and in glacial acetic acid; it is less soluble in ether and very slightly in carbon disulphide. Sulphuric acid dissolves it with a red purple colour, gradually changing to black. With weak oxidising agents it yields vanillin. Treated with a mixture of sulphuric acid and boric acid it yields a product rosocyanin, so called because it dissolves in alcohol with a fine red colour, turned blue by alkalis. Paper tinged with alcoholic solution of curcumin displays, on addition of an alkali, a brownish-red coloration, and when neutralised passes to a yellow; turmeric paper is thus a useful reagent for alkalis. Turmeric rhizomes yield from 3 to 5 per cent. of an orange-yellow, slightly fluorescent volatile oil. The specific gravity is from 0.94 to 0.95. Turmerol, and a ketone, named curcuminone, have been isolated, and phellandrene has been detected in fractions of a low boiling-point. But the oil is seldom distilled, and on account of the variation of source the characters of the oil are not very uniform.

USES.—On account of its yellow colour turmeric was used by the ancient Arians, worshippers of the sun, as an auspicious article in religious observances. In certain Hindu ceremonies the tubers are always necessary; the powder is rubbed on the skin and the colour is a favourite yellow for the garments of the priests. As a dye for cotton haldi is in general use in India. Though considerably employed up to within recent years by the wool and silk dyer in the formation of olives, browns and other compound colouring matters, turmeric is but rarely used in England. In a fresh state the root is an indispensable ingredient in curries, and when dried it is a constituent of exported curry powders. Mohammedans prescribe it in affections of the liver and in jaundice, and the decoction is a cooling eye-wash. Natives sometimes anoint their bodies with turmeric mixed with oil to ward off cutaneous affections. In Europe, turmeric is not regarded as medicinal, but is employed as a colouring matter in pharmacy and confectionery and for foodstuffs. Turmeric paper is an official reagent in the British Pharmacopœia in testing for alkalis.

COMMERCE.—As a root-crop subject to climatic changes, turmeric exports as a rule show considerable fluctuations, but within recent years the exports from British India, classified under "Dyeing and Tanning Substances," have steadily increased:—

	1927	1928	1929
Cwt.	56,974	58,180	76,052
Value, Rs.	10,88,817	12,48,743	16,24,644

The root is shipped from Calcutta, Madras and Bombay, but 85 per cent. of the exports now pass through Bombay. The exports of turmeric (figures in thousands) from India have been as follows:—

	Pre-War average	War average	Post-War average	1928-29	1929-30
Cwt.	92	78	53	65	71
Value (in thousands of rupees)	11.08	12.31	11.38	14.20	14.66

It will be seen that the shipments improved from 3,250 tons to 3,550 tons. The United Kingdom, Ceylon, Persia, Iraq and the United States increased their requirements, while exports to Aden and Dependencies declined.

Roboleine

THE FOOD THAT BUILDS THE BODY

Year after year the sales of Roboleine steadily increase, proving beyond all doubt that it consistently maintains its reputation with the medical profession and public alike. Every year thousands more benefit from the Roboleine treatment, and every customer that enters your shop to buy Roboleine is a potential customer for other lines.

"By its palatability and general excellence 'Roboleine' has taken the high rank to which it is entitled among dietetic aids."

The Lancet.

"A perfect food for brain, muscle, and bone. It can be taken by the most fastidious and never nauseates."

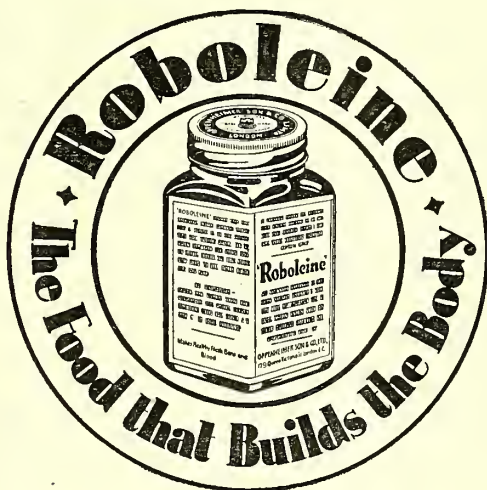
The British Medical Journal.

"The value of this preparation to the marasmic or debilitated child is too obvious to call for discussion."

The Medical Annual.

A Quick Seller with Good Profits

Liberal Discounts on Direct Orders



ROBOLEINE consists of—

BONE MARROW to make good red blood and increase resistance to disease, and strengthen the whole nervous system.

MALT, a natural laxative and source of energy.

EGGYOLK, containing Lecithin, the greatest nerve food known.

LEMON JUICE neutralised for building bone and preventing skin troubles.

KEEP IT WELL DISPLAYED

JOHN BELL & CROYDEN ('Phone: Welbeck 5555)

the DAY and NIGHT Pharmacists STOCK EVERY OPPENHEIMER PREPARATION

OPPENHEIMER, SON & Co., Ltd. *Handforth Laboratories,* Clapham Road, LONDON, S.W.9

The **SPECIFIC OVARIAN HORMONE**
which normally controls and activates the menstrual cycle

SISTOMENSIN

standardised physiologically

dysmenorrhœa, menorrhagia, hæmorrhages of puberty and menopause, hypoplasia of the uterus, disturbances subsequent to menopause or oöphorectomy.

Tablets

Ampoules



PROKLIMAN

(Sistomensin Compound)

Association of ovarian hormone with therapeutic agents for the prompt relief of the most pronounced troubles of menopause: cardiovascular and nervous troubles, hot flushes, headache, etc.

Tablets

Hydrosoluble Ovarian Substance

AGOMENSIN

causes hyperæmia of the female genital organs. Stimulates the function of the genital glands and menstruation.

Functional amenorrhœa, oligomenorrhœa, sterility, vomiting during pregnancy, etc.

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Ampoules

THE CLAYTON ANILINE CO. Ltd., 40 SOUTHWARK STREET, LONDON, S.E.1
Telephones: Hop. 6954, 6955 Pharmaceutical Department Telegrams: Cibadyes Boroh London

May we quote you for—

GLAUBER SALTS B.P.

Pea Crystal and Feathery

EPSOM SALTS B.P.

Needle Crystals, Medium, Exsiccated

Special Crystals matched and any degree of exsiccation to order. Packed for Home and Export.

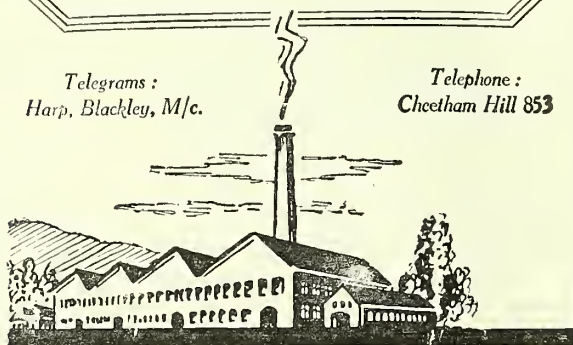
LIQUOR FERRI PERCHLOR FORT. B.P.

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MOSS HOUSE CHEMICAL WORKS, BLACKLEY, MANCHESTER.

Telegrams :
Harp, Blackley, M/c.

Telephone :
Cheetham Hill 853



SOLAZZI

Liquorice Juice

The Chemist's Brand.

Should any enquiries as to the composition of SOLAZZI be received from the Public, Chemists are requested to emphasise the fact that SOLAZZI is not included in the category of Secret Remedies, and that the following guarantee obtains with every parcel.

Solazzi Juice is

guaranteed to consist entirely of the condensed extract of finest Calabrian Liquorice Root, without any admixture whatever

LYSOL

Johnson's



JOHNSON'S LYSOL is manufactured under the strictest analytical control to conform to the stringent requirements of the Medical Profession.

JOHNSON'S LYSOL can therefore be recommended with every confidence for Medical, Surgical and Domestic use.

Guaranteed to contain 50% Cresols.

Is free from alkalinity and irritation caused thereby.

Has a high Rideal-Walker co-efficient.

Is completely soluble in water.

Very effective "Lysol Week" series of showcards sent with every order. Also Counter Leaflets.

Ask our prices before ordering again.

Johnson & Sons Hendon Way
Manufacturing Chemists, Ltd. Hendon, London

"EAGLE" BRAND CHEMICALS

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LIMITED
CHEMICAL MANUFACTURERS
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**ACCUMULATOR
ACID
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PRECIPITATED
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EPSOM SALTS
Commercial and B.P. Qualities
also Powdered

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Commercial and B.P. Qualities

Zinc Chloride
Fused, Granulated and Liquid

**WILLIAM
BLYTHE
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Holland Bank Chemical Works

CHURCH
LANCASHIRE

Hyposulphite
of Soda *Pea Crystals*
Lead Arsenate
Paste and Powder

**Precipitated
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WEED KILLER

*A list of our general Technical
Chemicals sent on application*

ALKALOIDS

Fine Chemicals Opium Derivatives

ALOID	DIAMORPHINE	LEPTANDRIN
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CANTHARIDIN	ESERINE	SALICIN
CAPSAICIN	ETHYLMORPHINE	SANTONIN
CHLOROFORM	GINGERIN	SCAMMONY RESIN
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Goods covered by Dangerous Drugs Acts offered subject to all regulations.

T. & H. SMITH L^{TD}

BLANDFIELD WORKS : 25 CHRISTOPHER STREET : 32 & 34 VIRGINIA STREET
EDINBURGH. : LONDON, E.C.2. GLASGOW

ESTABLISHED 1827

Quicksilver

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which owns the QUICKSILVER Mines of

MINAS DE ALMADEN . . . Madrid
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SOLE IMPORTING BUYERS

(for Great Britain, Northern Ireland,
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IMMEDIATE SUPPLIES FROM STOCK

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RHEUMATISM, NEURALGIA, GOUT.

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BENGUÉ & CO., LTD., MFG. CHEMISTS
24 FITZROY STREET, LONDON, W.1.

FINEST MEDICINAL

OXYGEN

GUARANTEED 99.5% PURE IN CYLINDER

3/4d. PER CUBIC FOOT
(THREE FARTHINGS)

In customers' own cylinders ex our various works.

BRITISH INDUSTRIAL GASES, LTD.,
34 Victoria Street, LONDON, S.W.1

24 HOURS RETURN SERVICE

WE COVER ALL ENGLAND AND WALES

BOOTS PRODUCTS IN MODERN THERAPY

REINFORCED COD LIVER OIL — BOOTS.
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ANTI - PNEUMOCOCCUS SERUM — LEDERLE
(FELTON'S SERUM).

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MANUFACTURING CHEMISTS AND
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NOTTINGHAM—ENGLAND

Tel: Nottingham 45501

Grams: "Drug," Nottingham

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ATROPINE • COLCHICINE
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Chemical Works formerly Sandoz,

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Please apply for particulars

*The Clean
Disinfectant*

'SUPERLIN'

*adopted by Hospitals
and local Authorities*

*Write for prices and details to enable
you to tender for supplies. Supplied
in bulk and in various packages.*

WRIGLEY, PATERSON & CO. LTD.

Superlin Works, Isleworth, Middlesex

CONFINED TO CHEMISTS ONLY
SIMPKIN'S ATTRACTIVE

CHEMIST'S CONFECTIONERY

evidently supplies a long felt need
 JUDGING BY THE NUMEROUS ORDERS
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**£11s. additional INCOME on a
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Subject to substantial discounts
 — for quantities. —

SUMMER SPECIALITIES :—

**GLYCERINE
HEXAGON FRUITS**

(With genuine fruit centres)
 Attractively packed in Rainbow Design

**GLUCOSE
BARLEY SUGAR**

Write for PRICE LIST to the
**PIONEERS of the Most Attractive
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 Ever Manufactured.

A. L. SIMPKIN & CO. LTD.
 Chemist's Confectioners
 Carfield Works, Sedan St. SHEFFIELD
 or Northern Agents—
THOS. SWALES, Butts Court, LEEDS





"Viodar"—The New Oil

Containing Free Iodine—hence the Violet Colour.

A Penetrating and Occlusive Dressing for abrasions and skin affections.

"An Iodine compound which should be valuable for both external and internal use."—LANCET, i/31, 896.

Antiseptic power established by bacteriological experiments.

"VIODAR" DOES NOT IRRITATE OR STAIN THE SKIN NOR EVOLVE ACRID FUMES IN USE.

"VIODAR" IS ISSUED IN TWO STRENGTHS, 1 in 200 and 1 in 1,000.

Either strength, 4-oz. stoppered bottles, 3/-; 8-oz. special "Surgery" bottles, 5/-.

Sodium Morrhuate "Sterules"

For Varicose Vein Injections

"Sterules" 2 c.c. 5%, boxes of 10, on prescription 8/6, professional price 7/6;
10%, on prescription 9/6, professional price 8/6.

Peptone "Sterules"

For Asthma, Hay Fever, etc.

Graded Series of 10 "Sterules," price on Prescription, 8/6, professional price, 7/6. Continuation Course of 6 "Sterules," price on prescription, 7/6, professional price, 6/6—for intravenous and intramuscular use—please state which is desired.

W. MARTINDALE, 12 New Cavendish St., W.1

Telegrams: Martindale, Chemist, London.

Phone: Langham 2441.

May we call your

attention to:—

PETROLAX

(BROWN CARTON)

(REGISTERED TRADE MARK)

THE IDEAL PARAFFIN AND AGAR-AGAR EMULSION

PETROLAX COMPOUND

(RED CARTON)

A COMBINATION OF PETROLAX AND PHENOLPHTHALEIN

PETROLAX ALKALINE

(BLUE CARTON)

A COMBINATION OF PETROLAX AND MIST. MAGNES. HYDROXIDI

Note the Prices:—RETAIL 2/- (Nominal $\frac{1}{2}$ lb.) 14/- doz.

„ 3/6 („ 1 lb.) 24/- „

„ 6/- („ 2 lb.) 44/- „

Stocked by the leading Patent Houses, or direct from the SOLE MANUFACTURERS:—

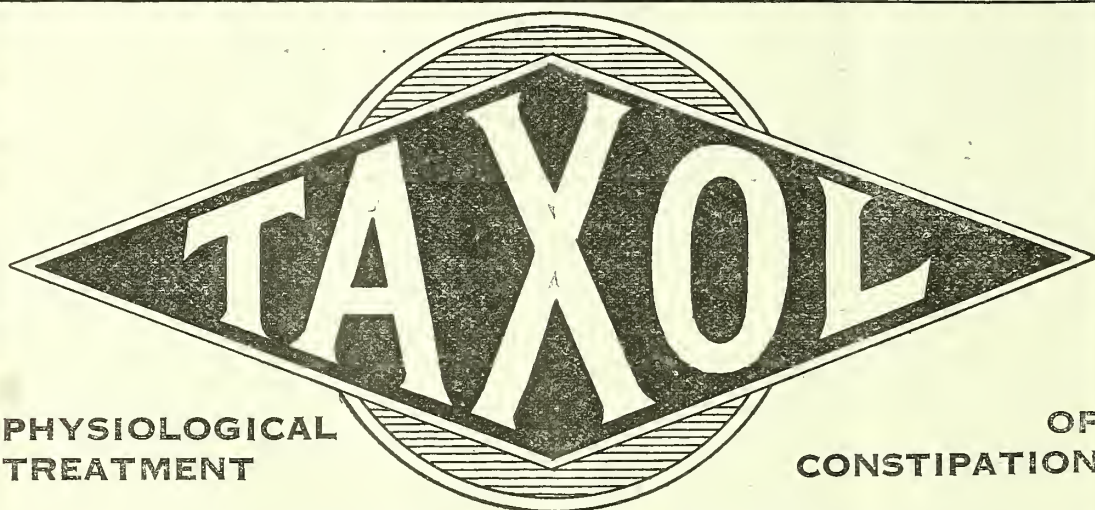
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HYDROGEN PEROXIDE

IN BOTTLES—ALL STRENGTHS
Exceptional Stability & Purity
ATTRACTIVE TERMS

GENOXIDE LIMITED, LUTON



PHYSIOLOGICAL
TREATMENT

OF
CONSTIPATION

Its use does not lead to habit

COMPOSED OF EXTRACT OF THE INTESTINAL GLANDS, BILIARY EXTRACT,
AGAR-AGAR, AND LACTIC FERMENTS.

DISPLAY TAXOL on your Counter

FROM ALL WHOLESALERS.

PREPARED BY:

LABORATORIES LOBICA
47 AVENUE DES TERNES
PARIS (17E)

DISTRIBUTORS IN BRITISH ISLES:

Continental Laboratories, Ltd.
30 Marsham Street, London, S.W.1
Victoria 2041; and Telegraphic Address: "Taxolabs, S.West, London"

QUICKLY BECOMING A BEST SELLER!



*Also packed in cartons
of one dozen tablets.*

GERMOLENE TOILET SOAP

AT 6^{D.} PER TABLET

is quickly establishing itself as one of the BEST SELLERS in the Drug Trade. Sales are steadily increasing week by week as a result of the national advertising campaign being conducted on behalf of this line. Packed in attractively coloured cartons suitable for windows or counter display.

Also

GERMOLENE SHAVING SOAP

at 6d. per Stick

This is a shaving soap of superfine quality; in fact, it combines shaving soap, skin tonic and after-shaving lotion in one.

*Order supplies through your
Wholesaler or direct from*

The
**BEECHAM-VENO CENTRAL
DISTRIBUTING DEPOT,**
Chester Road, MANCHESTER

Germolene

TOILET SOAP

.. Growing in Popularity!

Our sales show it—the public is realising what a very good proposition **Monsol Dental Cream** is!



Per large tube

Popularly-priced (a large tube retails at 1/-) this scientific tooth-paste really does what it claims to. Show it on your counter—and prove for yourself what an excellent 'line' it is!

MONSOL BRAND DENTAL CREAM

8/- per doz.

Attractive display material **FREE** from the
MONSOL DISTRIBUTING AGENCY
168-172 Drummond Street N.W.

A MONSOL PRODUCT

2 OF THE BIGGEST SELLERS IN LIVERPOOL



Why NOT other places?

"CLEAR CORN"

P.F. 102.

Corn and Wart Remover.

Per doz. 4/6, bonus of 3 with 3 doz.
minimum. Carriage paid. Free
packages. Display material.

"KOF-OH" WONDER OINTMENT



TERMS:

Per gross 30/-, less 10%

„ 1/2 gross, 30/-, less 5%

„ 1/4 „ „ 2 1/2%

Nett cash 30 days, packages free, carriage paid.

Order direct or through your wholesaler.

KOF-OH CO., LTD.

Manufacturing Chemists, Everton, Liverpool

SEASICKNESS IS POSITIVELY PREVENTED BY SEAJOY PLASTER

REGD.

Seajoy Plasters are commanding an ever-increasing demand on account of their efficacy in preventing all forms of Travel Sickness.

A Profitable and Quick Seller

Retail Price 3/- . Wholesale 24/- per doz.

From all Wholesale Agents or direct from

The SEAJOY CO. Putney, S.W.15

Telephone - - PUTNEY 0414

CONSTIPON

THE STEADY SELLER

Tablets per box 3d., 6d. and 1/-

London Wholesalers — BUTLER & CRISPE, SANGERS Ltd.,
MAY ROBERTS & CO., F. NEWBERY.

Window displays arranged.

CONSTIPON

65 WEST REGENT STREET, GLASGOW

CHEMISTS' EXHIBITION

NEW HALL of the ROYAL
HORTICULTURAL SOCIETY,
S.W.1 MAY 11-15, 1931

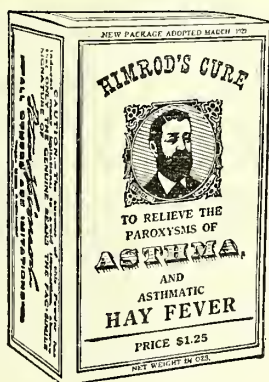
We extend a hearty invitation to all Pharmacists to visit us at **STANDS 9, 10 and 11**, where we shall be displaying a wide range of **PACKED PHARMACEUTICALS, TOILET PREPARATIONS AND PERFUMERY**; manufactured under strict pharmaceutical control, smartly presented and at prices permitting of substantial profits, these cannot fail to interest.

In response to requests we are again running the "**Pharmacists' Own**" **Prize Scheme** on the lines which proved so popular last year.

On Monday, May 4th, we mailed to the entire trade a circular illustrating Seasonable Specialities; each was numbered. Bring yours with you when visiting the Exhibition; on presentation at our Stand it will be exchanged for a receipt bearing a similar number. Friday night the counterfoils of all receipts issued will be handed to the Organisers of the Exhibition who have kindly consented to draw Two. **To the Owner of the First** we will forward a Cheque for £5 5s. **To the Second**, one for £3 3s.

BURGOYNE, BURBIDGES & CO., LTD.,
ESTABLISHED 1741

MANUFACTURING CHEMISTS
LONDON, E.6



**Profitable,
Repeat Business and
Satisfied Customers**

Standard For Over 60 Years
Himrod Manufacturing Co.
HOBOKEN, N. J., U. S. A.

—Order From Your Service Jobber—

**QUICK SALES
SUBSTANTIAL
PROFITS**



Snowfire Cream—always in demand, always making new friends, is a profitable line to handle. Women everywhere are recommending it one to another. Their enthusiasm means repeat orders and extra profits for you. Get in good stocks now. Manufactured by F. W. Hampshire & Co. (1927) Ltd., Sunnydale Works, Derby.

Handbag
containers 3d.
Dainty 6d.
tubes. Retail.

**Snowfire
CREAM**

5 Facts about HEXYLRESORCINOL Solution S.T. 37

(Liquor Hexylresorcinolis, 1:1000)

- 1- destroys bacteria almost instantly on contact.
- 2- powerful, but absolutely Safe, even if accidentally swallowed.
- 3- retains its germicidal activity on tissue surfaces.
- 4- non-irritating when applied full strength to open wounds and denuded areas.
- 5- rigid tests check the composition, surface tension and bactericidal activity of each lot manufactured.

3-ounce and
12-ounce bottles

SHARP & DOHME LTD., 252 REGENT STREET, LONDON, W.1.

OLIVE OIL

in barrels or tins. We can quote to best advantage. Enquiries solicited.

PHONE: ROYAL 1754 & 2929.

TELEGRAMS: "CHOICENESS, BILGATE, LONDON"

Genuine Pure Provence
and B.P. Grades—

John F. Seyfried & Sons, Ltd.
71, EASTCHEAP, LONDON, E.C.3

ESTAB. 1842

ESTABLISHED 1772 HENRY'S CALCINED MAGNESIA

Continues to be prepared with scrupulous care, in the greatest chemical purity, by

Messrs THOMAS & WILLIAM HENRY, 11, East Street, St. Peter's, Manchester.

And is sold in Bottles, authenticated by a stamp bearing their name.

Trade Mark, Henry's Calcined Magnesia.

New York: Messrs. SCHIFFEUN & CO., William Street.

PRICE 2s. 9d.

Paris: Messrs. ROBERTS & CO., 5, Rue de la Paix.

ANTISEPTIC CREAM FOR THE SKIN AND COMPLEXION

Invaluable during the Spring and Summer months for Soothing and Protecting the Skin, rendering it soft and supple. Useful either as a Day or Night Cream.

1-oz. 8/6 per doz.

2-oz. 15/- per doz.

4-oz. 25/- per doz.

CHEMIST'S OWN NAME AND ADDRESS PRINTED FREE ON 3 DOZEN.

—MANUFACTURED BY—

C. J. HEWLETT & SON, LTD., 35/42 Charlotte St., London, E.C.2

BUY 'ASPRO' ON BONUS TERMS AND OBTAIN 17% MORE PROFIT

Just have a look through your purchases of 'Aspro' and you will find that you are in a position to buy on Bonus terms. By doing so you can make an additional profit averaging 17%. So why not place your next order through your wholesaler on Bonus terms? The only conditions made are that the Chemist who buys on these terms undertakes to show 'ASPRO' Advertising matter in his shop window for 14 days, and sell at advertised prices. Acceptance of Bonus is considered acceptance of these conditions. As 'ASPRO' is so extensively advertised the display will bring customers to the chemist's counter just as though his own name was at the foot of the advertisements. Many of these customers will make other purchases as well.

WHAT THE BONUS IS

BONUS ON 10's (unstamped)

One gross order—Bonus, 1 dozen packets.
Half gross order—Bonus, $\frac{1}{2}$ dozen packets.
Half gross 10's is minimum order accepted for Bonus purposes.

For Bonuses it is not necessary to buy both sizes at the same time, *i.e.* single lots of 6 dozen 10's or 3 dozen 27's will qualify the Chemist.

BONUS ON 27's (unstamped)

One gross order—Bonus, 2 dozen packets.
Half gross order—Bonus, 1 dozen packets.
Quarter gross order—Bonus, $\frac{1}{2}$ dozen packets.
Quarter gross is minimum quantity.
No Bonus on 5's or 60's.

HERE IS AN 'ASPRO' WINDOW DISPLAY



Write us to-day. We will send this attractive display post free by return mail.

Similarly attractive display features are issued at frequent intervals.

BIG ADVERTISING PUSH FOR THE SPRING

The Spring will be a time of prodigious advertising activity for 'ASPRO.' Seaside towns and Holiday centres will receive special attention with newsboard displays and other sales promoting publicity. Extensive advertising in the national and local press will carry the 'ASPRO' message into every town and village, emphasising the value of 'ASPRO' for the common Spring ailments, holiday and sun-glare headaches, irritability, chills, etc. Make sure of your share of the sales which will be produced by prominently featuring 'ASPRO' display material.

Ordinary PRICES for UNSTAMPED 'ASPRO' are as follows:

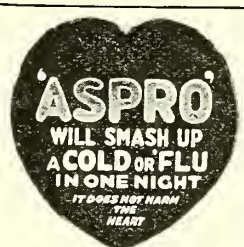
- 3d. size, containing 5 tablets, 2/3 dozen. Less 2½% 30 days.
6d. size, containing 10 tablets, 4/6 dozen. NOTE.—The 1/3 size contains
1/3 size, containing 27 tablets, 11/6 dozen. Two extra tablets.
2/6 size, containing 60 tablets, 21/- dozen. 2/6 size contains Ten extra tablets.

'ASPRO' consists of the purest Acetyl Salicylic Acid that has ever been known to Medical Science, and its claims are based on its superiority.

AGENTS:
GOLLIN & CO., PTY., Ltd. ('Aspro' Dept.), SLOUGH, Bucks. Phone: Slough 608.
Made by ASPRO Ltd., Slough, England.

No proprietary right is claimed in the method of manufacture or the formula.

WINDOW STICKER SERVICE



A sticker on your window will bring a steady stream of customers to your counter. The above illustrations represent only a few of the many striking stickers available for chemists' use.





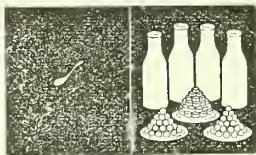
National Committee for
Promoting the Consump-
tion of Norwegian Cod
Liver Oil, Bergen, Norway.

To combat wasting diseases; to accelerate the process of convalescence; to maintain health: Norwegian cod liver oil is a sure and trusted ally which no doctor can afford to disregard.

Thanks to its prolific content of vitamins A and D, Norwegian cod liver oil is a strong adjuvant in the fight against micro-organisms that cause colds, pneumonia, bronchitis, diarrhoea and rickets. It has been found of the greatest value in restoring to health arrested cases of tuberculosis. It also helps to maintain a healthy skin action.

There is no efficient substitute for cod liver oil.

Every barrel of the world-known Norwegian Cod Liver Oil exported, is under control of the Norwegian Government.



A TEASPOONFUL OF NORWEGIAN COD LIVER OIL CONTAINS MORE VITAMINS THAN ALL THE BUTTER AND MILK ANY INDIVIDUAL CAN EAT AND DRINK IN A DAY.

**NORWEGIAN
COD LIVER OIL**

MASON'S EXTRACT OF HERBS

May we have the pleasure of
sending you particulars of our
Window Display Scheme?



NEWBALL & MASON
LIMITED
NOTTINGHAM

Are you STOCKING THESE TWO FOODS?

Lacto-Dextrin, a food for changing the intestinal flora, 12 oz. packings 4/-; 5 lbs. 22/-—Psylla, intestinal vegetable lubricant, 10 oz. packings 4/-; 5 lbs. 24/-—Both these foods are being regularly advertised to the Medical Profession throughout the year. Liberal discounts. Order through your wholesaler or write direct to:—

Wholesale & Distributing Agents for United Kingdom & Irish Free State

**COATES &
COOPER**
41 GREAT TOWER ST.,
LONDON, E.C.3.



Products of the
**BATTLE CREEK
FOOD CO.,**
Michigan, U.S.A.



The Symbol
of Life
TRADE MARK.

WATCH THE NEW PRUNOL CAMPAIGN

To blather like a tub-thumping "quack" in the market-place about the mysterious contents of a bottle, and the miraculous cures it has achieved and will effect, is not the policy behind Prunol advertising.

Prunol publicity always will be characterised by restrained language and dignity of presentation. This policy is receiving the approbation of those who take a live interest in the proprietary lines they sell, and who deprecate advertising that may bring temporary sales but very little prestige to the pharmacist.

A new series of Prunol press announcements, commencing now, will command the attention of the public, hold their interest, and unquestionably result in increased sales.

Link up by displaying Prunol. Use Prunol bottle-wrappers and literature.

★ **FREE**

If you would like a generous supply of bottle-wrappers, on good quality white-bond paper, printed only one side, send a postcard now to Prunol Products, Limited, 21, Cockspur Street, London, S.W.1.

"VITAMIN TESTED YEAST"

Yeast specially prepared for medicinal purposes.

GUARANTEED ABSOLUTELY PURE.
MIDGLEY & PARKINSON, LTD.,
WARREN WORKS, PUDSEY, LEEDS.



CACHETS "FINOT"

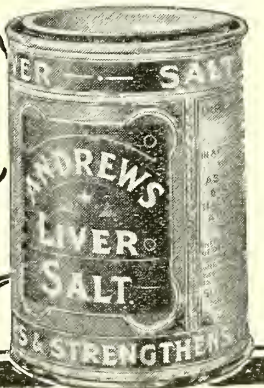
(White or Coloured)

With inscriptions in any desired tint; also Plain or Embossed.
"A distinction all their own."—C. & D.
"Perfection of Cachets."—Lancet.

These Cachets are especially adapted for Headache, Neuralgia and other powders.

COOPER SON & CO. LTD., 80 Gloucester Road, SOUTH KENSINGTON.
In 17 Sizes to fit the various types of Cachet Machines.

*The Saline
with the
largest sale
9. & 1/4.*



Menstrual Pain CONQUERED

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18

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Sublimatc	1/11	1/2	-/7 1/2	Double Cyanide	2/-	1/2 1/2	-/8	17/6	10/7	5/9	4 "	1/7 1/2 "	14/7 "
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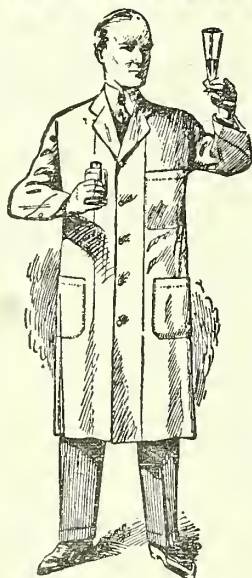
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chest. Special pockets and
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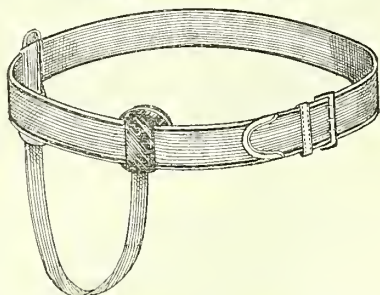
Send us your name on a postcard . . . and we will send you without charge one of these compelling and attractive displays immediately.

KOTEX LIMITED

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Telephone : Maida Vale 2900

● Advertisements like this are appearing in large spaces in the national press—Link up your store with this advertising by displaying the showcard illustrated above, and increase your sales.

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Fig. 110BX/1.

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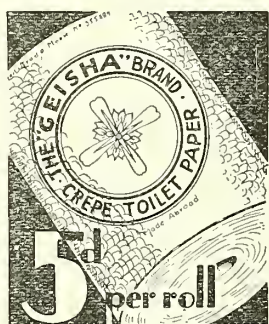
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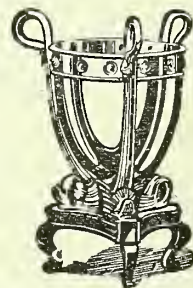
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4

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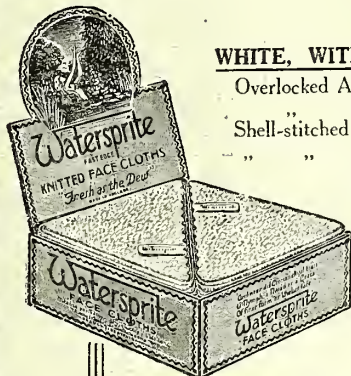
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**NOW ALSO MADE
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DISPLAY CARTON**WHITE, WITH COLOURED BORDERS**

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SINGLE FACED DOUBLE FACED
2 doz. in carton 1½ doz. in carton

G230	4/-	per doz.
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G232	5/3	..
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SPECIAL ASSORTMENTS

Cartons, containing 4 each, 6 styles, Single Faced	G226	9/2	—	per carton
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The public is asking for **ZEAL** CLINICAL THERMOMETERS because they are:-**GUARANTEED TO
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VISKAPS FORM A
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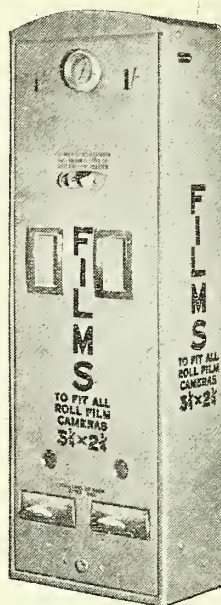
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2 Different Makes
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TO FIT ANY MAKE
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Price £7 10 0

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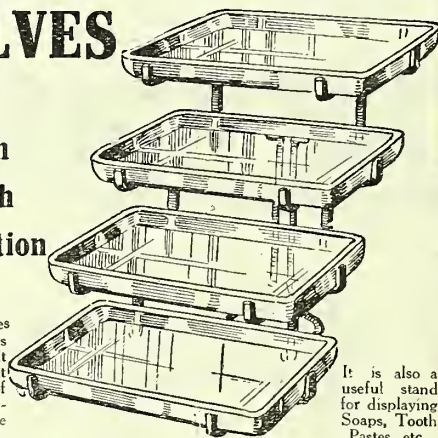
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Brush
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Tooth Brushes
have always
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with the aid of
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ers can serve
themselves.

It is also a
useful stand
for displaying
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No. C.S.F. 2851—Very attractive COUNTER DISPLAY
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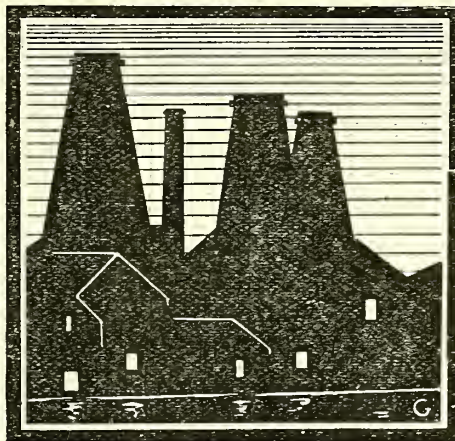
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WHITE OPAL and FROSTED
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*All our Manufacture is
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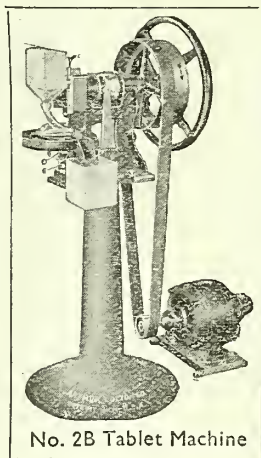
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(ESTABLISHED 1828)

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PILL MACHINES
TABLET MACHINES
GELATINE COATERS
GRANULATORS
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SUPPOSITORY MOULDS
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The steadily increasing demand for Compressed Tablets of high quality and finish necessitates the use of the most up-to-date machinery.

Colton Tablet Machines embody all modern improvements and are built to render maximum service.

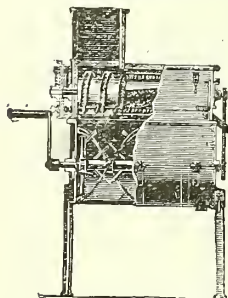
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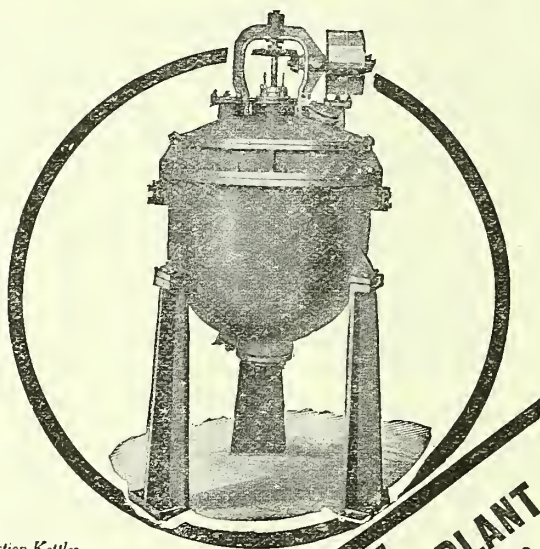
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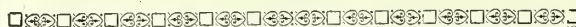
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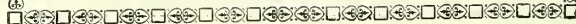


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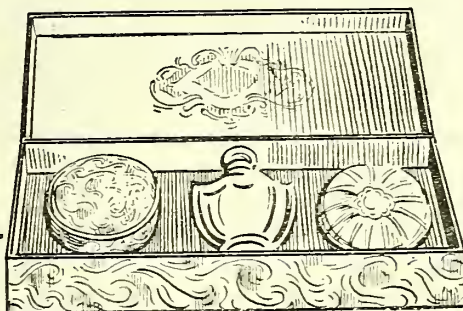
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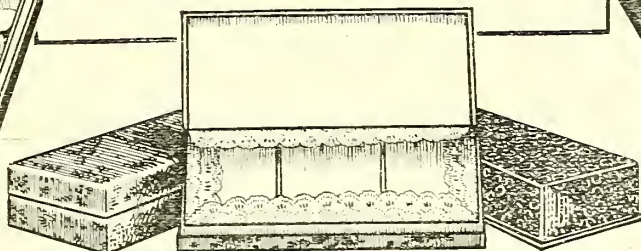
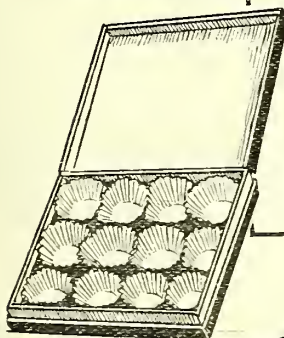
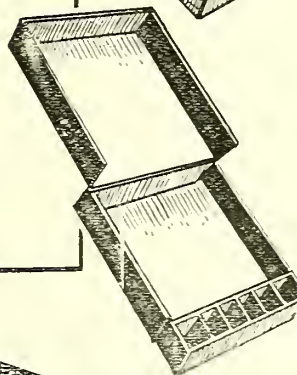
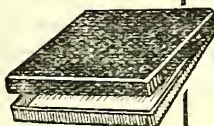
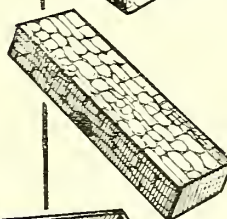
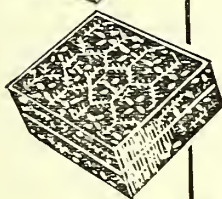
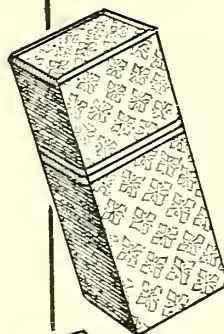
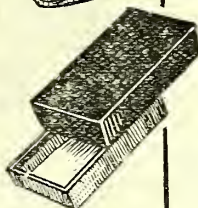
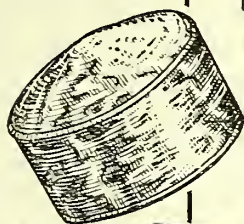
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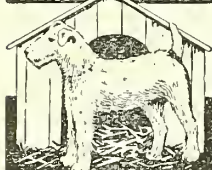
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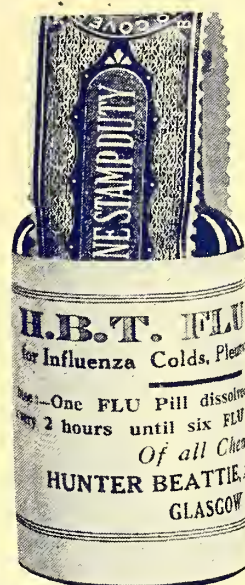
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GRAHAM STREET, CITY ROAD, LONDON N1

THE CHEMIST AND DRUGGIST SUPPLEMENT

28 ESSEX ST.
LONDON, W.C.2

MAY 9, 1931

This Supplement is inserted in every copy of The Chemist & Druggist.

ORRIDGE & CO.

56 LUDGATE HILL, E.C.4

ESTABLISHED 1846 Telephone No.: CITY 2283
May be consulted at their Offices on matters of Sale, Purchase & Valuation

1.—ELEPHANT AND CASTLE (Near).—General Retail Business, with N.H.I. and Kodak Agency; situate in prominent position; established two years; returns £2,000; double-fronted shop; five large rooms; held on lease; price £1,000, or valuation terms entertained; stock worth £500 and fixtures £200.

2.—LONDON, W. (Distant Suburb).—General Retail and Dispensing Business; returns last year about £2,000; stock and fixtures worth about £700; net rent £55 per annum; living accommodation; held on lease; terms, value of stock and fixtures, plus an agreed sum for goodwill.

3.—NORTH-WEST LONDON (Working-class District).—General Retail Business, with Kodak Agency and N.H.I.; returns over £2,200 per annum, with gross profit exceeding £800; double-fronted corner shop, fitted in mahogany and well stocked; rent £92 per annum; rates £16; lease 20 years to run; terms, valuation of stock and fixtures, plus an agreed sum for goodwill.

4.—LONDON, N.E.—Old-established Retail Business; returns average £1,200 per annum; net profit, including £100 from sub-let, £500 per annum; leasehold property; ground rent £7 yearly; price about £1,000 to £1,100, to include property and business.

5.—LIVERPOOL STREET.—Old-established City Business for disposal; returns £2,000 per annum; scope for increase by the addition of Photographic; gross profit 41 per cent.; compact shop, well fitted and stocked; rent £200; no rates; stock worth about £800; terms, value of stock and fixtures only.

6.—HOME COUNTY (Outskirts of London).—Good-class Retail and Dispensing Business; returns £1,500 per annum; net rent, which includes large flat over shop and garage, £60 per annum; property may be purchased or lease will be granted; price of business £1,000, or near offer; ill-health cause of sale.

7.—EAST LONDON (Main Road).—Light Retail Business, with N.H.I. and Kodak Agency; returns last year £908, with net profit one-third; modern double-fronted shop; living accommodation and small garden; property may be purchased, or possibly a lease would be granted at £75 per annum; price of business about £400.

8.—EAST COAST (Health Resort).—Cash Drug Store, with Confectionery; returns last year £2,107, with net profit 30 per cent.; premises comprise two shops with living accommodation; vendor owns the property; will grant a lease; price £1,500, £1,000 down and balance by instalments.

9.—SUFFOLK.—Unopposed Mixed Country Retail Business; established 1870; present hands 25 years; returns last year £1,722; roomy shop, nicely fitted; ten-roomed house with private entrance; moderate rent; property can be purchased; terms, value of stock and fixtures, plus an agreed sum for goodwill, £500 on entry and balance by instalments.

10.—MIDLANDS.—Old-established Country Retail and Dispensing Business, with Kodak Agency; entirely unopposed; returns last year £2,356; double-fronted shop; 12-roomed house, with garage; rent £52 per annum, rising to £57; held on lease; option to purchase property; population 3,000; stock worth £850; price of business about £1,750.

11.—BANKS OF THE THAMES.—Old-established Retail and Dispensing Business, with Kodak Agency; returns last year £1,611, with net profit £340; double-fronted shop; stock and fixtures worth £700; living accommodation with bathroom and garden; rent £50; rates £27; on account of the vendor's ill-health he is willing to consider any reasonable offer.

12.—HANTS.—General Retail and Dispensing Business; returns last year £2,776; stock worth between £800 and £1,000; net rent £75; held on renewable lease; price about £2,000; further details on application.

13.—ILFORD (Near).—Working-class Business; returns last year exceeded £1,300, with net profit about £350; corner shop; living accommodation; property can be purchased for £675, or lease will be granted at about £40 per annum; price £700.

14.—LINCS.—General Retail and Dispensing Business, with Kodak Agency; old established; returns about £2,600 per annum; net profit about £600; stock and fixtures worth between £1,100 and £1,200; large house; long lease; price £1,700, or valuation terms entertained.

Chemists' Transfers, Valuations for Sale, Stocktaking & Probate

SPECIAL TERMS FOR INCOME TAX VALUATIONS

BUSINESSES WANTED.

ADVERTISER wishes to purchase Light Retail Business in small town or country district; unopposed preferred, but not essential; living accommodation; replies treated in strict confidence. 144/58, Office of this Paper.

BUSINESS required immediately; if genuine and showing sound living advertiser will be glad to have particulars, otherwise please do not waste time replying; good price will be paid based upon present trading, not on future uncertainties; anywhere in London or 50 miles radius; replies treated in strict confidence. 144/7, Office of this Paper.

BERDOE & FISH have genuine buyers wanting Businesses on the South Coast with a turnover between £3,000 and £4,000; also in the Midlands and West Riding, showing net profit between £600 and £700 yearly. Intending vendors are cordially invited to correspond. Transfer Offices: 41 Argyle Square, King's Cross, W.C.1.

REQUIRED, in South Devon now, or anywhere on South Coast about October, genuine small Business; Partnership with or without succession entertained; capital £900; capable and keen young Chemist; interviews out of Devon only possible after summer season, but correspondence invited, in confidence. 142/9, Office of this Paper.

SOUND Business required in a pleasant and healthy locality (Southern Counties); must show reasonable profits and accountant's figures; bankers' references for immediate cash transaction; full particulars in reply (strictest confidence observed); returns not less than £2,000. 142/34, Office of this Paper.

WANTED, Business with scope for development; reasonable rent; Drug Store not objected to, if opening for N.H.I. Give fullest particulars first letter, turnover, rent, accommodation, rates, value of fittings, stock, etc., price for whole. 144/40, Office of his Paper.

PREMISES FOR SALE.

CHEMIST'S Premises for Sale, Brighton (near Station); freehold; let off £130 year; lease worth £400; Kodak Agency; business sadly neglected; small shop, sitting room, two large cellars (convertible into basement flat); vacant possession chemist part next September; other part good tenants; no agents; bargain quick sale £1,750. Owner, 40 Colbourne Road, Hove.

EXCELLENT opening for Chemist in market town; premises situated in central position of main street, available, or would be Let. Apply Gladding, Son & Wing, 8-11 Pavilion Buildings, Brighton.

PREMISES WANTED.

SMALL FACTORY WANTED.—Yorks manufacturing firm require 7,000 to 10,000 sq. ft., with room for expansion if possible; factory space within London delivery area for branch factory, with power, light, and some office accommodation. Firms having suitable floor area available are invited to furnish details, with proposed rent, to Box 83, L.P.E., 110 St. Martin's Lane, W.C.

PREMISES TO LET.

TWO Shops to Let, one lock-up and one with living flat over; side entrance to rear; excellent opening and position for Chemist or Drug Stores; no serious competition; main road in big, growing neighbourhood; bus terminus; two minutes' station; N.E. London suburb. Write 145/29, Office of this Paper.

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(One minute from St. Pancras and King's Cross Stations.)

1.—MANCHESTER.—Old-established Business; main-road position; returns average over £2,000; net profit £450 to £500; fully stocked; price £1,500, or offer.

2.—EASTERN COUNTY (Market Town).—Light Retail, with Agricultural; returns £2,300; good house; stock and fixtures worth about £1,100; price £1,500.

3.—YORKS (W. Riding).—Light Cash Retail, with Kodak Agency and good Panel; returns about £2,000; net profit £700; audited figures; low rent; good stock; price £1,550.

4.—CHANNEL ISLANDS.—Light Family Retail; same hands 36 years; returns £1,264; net profit £351; stock and fixtures worth £600; price £900.

5.—HAMPTON COURT (Near).—Good-class Family Retail; easily worked; returns, last year, over £1,000; net profit £500; nice house and garden; good stock; offers invited.

6.—CAMBS.—Mixed Country Retail; no heavy trade; returns, under manager, £1,400; good house and garden; roomy shop, well situated; price valuation terms, about £600; freehold can be purchased.

7.—CORNWALL.—Light Retail and Prescribing, in small town, near sea; returns £890; rent £52; corner shop, with house; price about £350.

8.—LONDON, W.—Good-class Retail and Dispensing; returns £2,200; gross profits 40 per cent.; long, valuable lease; well fitted and stocked; price £1,350; personally recommended.

9.—TOOTING.—Sound Cash Retail; returns £1,823; net profit £515; audited books; good main-road position; net rent and rates £27 yearly; price £1,050, cash.

10.—LONDON (Essex Suburb).—Sound light Cash Retail, with Branch; turnover about £2,800; main-road position; good house; stock and fixtures worth approximately £1,250; price, through illness and for quick sale, £1,850; freehold available.

11.—BARKING.—Cash Retail, with N.H.I. and Kodak Agency; returns over £1,300; net profit over £400; low rent; nice house; price £700; freehold £675.

Estab. 1870.

Telephone: Terminus 3574.

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BUSINESSES FOR DISPOSAL.

1.—WALLASEY, CHESHIRE.—Twenty years' established Business for Sale, owing to death of proprietor, consisting of shop, dwelling house (comprising two reception rooms, kitchen, scullery, five bedrooms and stock-rooms), situate in very populous residential district; good lease can be arranged at reasonable rent.—Further particulars on application.

2.—LONDON, N.W.1.—Old-established light retail Business for quick disposal; lease four years, with option of renewal; rent £83 per annum; let off £71 10s.; returns about £900 per annum.—Further particulars on application (52).

3.—MIDDLESBROUGH.—Old-established Business, situate in main busy thoroughfare, premises, occupying corner site, consist of ground floor shop, basement and large store rooms on first and second floors. Four hands kept. Returns have averaged £100 per week, but at present are £60. Lease, till May, 1932, will be extended at a rental of £250 per annum. Rates £250.—Further particulars on application (57).

ERNEST J. GEORGE
CHEMISTS' VALUER AND TRANSFER AGENT

*Phone: Walsall 3774

TUDOR HOUSE, WALSALL

*Grams: Earnest, Walsall

Correspondence is invited from interested pharmacists relative to the following businesses for disposal, and prospective purchasers are assured that, wherever possible, personal investigation has been made, with a view to placing all salient features before their notice.

PURCHASE PRICE £2000 AND UPWARDS

(C1) NORTH MIDLANDS.—Good class retail and dispensing business with large N.H.I. connection; turnover, £4,000 with scope for increase; rent, £70 on lease; confidential particulars will be supplied to bona fide applicants.

£1000/£2000

(C2) BIRMINGHAM.—Good class family business with excellent house and garage; returns steadily increasing; turnover for 1930-31, approximately £1,900; rent, £110 on lease; good photographic trade. Also branch business doing approximately £2,500 per annum with proportionate increase over previous year; large N.H.I. connection; rent, £110 rising to £120; 7 years' lease; sub-let £26; businesses may be acquired either jointly or separately; owner shortly taking over larger concern.

(C3) LEICESTER.—Old-established pharmacy with sub-post office; average returns approximately £35 weekly; net profits, £390; good living accommodation.

(C4) SCOTLAND (FORFAR).—Established retail business with optical connection; drawings average over £2,100 per annum; exceptionally low overhead expenses and good net profits; owner buying larger business.

(C5) MANCHESTER.—Pharmacy situated in populous suburb; large N.H.I. (approximately 1,000 scripts monthly); living accommodation; present returns approximately £40 weekly.

(C6) YORKSHIRE.—Unopposed pharmacy in populous suburb of progressive town; present takings exceed £40 weekly; quick counter trade; good percentage profits; N.H.I. (approximately 500 scripts monthly); inclusive rental, £69 per annum; living accommodation if desired; auditor's figures available.

(C7) LIVERPOOL.—Retail and dispensing business, well situated, with returns upwards of £40 weekly; living accommodation available; rent, £100; lease to suit purchaser; good opening for optics, if desired.

(C8) YORKSHIRE (NORTH-EAST).—Retail and dispensing business with average returns of approximately £1,850 per annum; high percentage profits; rent, £110 on lease; good living accommodation.

(C9) SUSSEX.—Progressive pharmacy doing about £30 weekly; high percentage profits; inclusive rental, £50 per annum on lease; good living accommodation; authentic valuation figures available shortly.

(C10) HAMPSHIRE (SEASIDE RESORT).—Old-established business doing approximately £2,500 annually; audited accounts available; particulars on application.

(C11) LINES.—Old-established pharmacy with good living accommodation; turnover, £2,700; net profits, £575; long lease; owner reluctantly disposing on account of health reasons.

£500/£1000

(C12) SOUTHERN COUNTY.—Established business for disposal owing to illness of proprietor; turnover approximately £30 weekly; inclusive rental, £57; living accommodation; purchase price approximately £900.

(C13) LEICESTERSHIRE.—Village pharmacy with side lines; turnover, £1,460; living accommodation; well situated and possessing good scope for increase.

(C14) LONDON, S.E.—Recently-established business at present under unqualified proprietorship; splendid scope and opportunities for pharmacist; modern premises; rent, £130; living accommodation if required; sub-lets at present £171; net profits approximately £6 weekly.

(C15) LONDON, S.E.—Good dispensing and photographic business with excellent scope; turnover for last financial year approximately £2,000; rent, £200; lease, 14 years; living accommodation available if required.

(C16) SOUTHEAST-ON-SEA.—Business with exceptional scope and opportunities; present turnover approximately £2,300, but well capable of substantial increase.

(C17) NEW BRIGHTON.—Retail business with good photographic trade; turnover approximately £20 weekly; rent, £67 10s.; scope for increase.

(C18) SOUTHEAST (NEAR).—Recently-established business for disposal on account of private reasons; first year's returns approximately £1,350; good living accommodation; main road situation; excellent scope for development.

£500 AND LESS

(C19) LONDON (NORTH SUBURB).—Attractive pharmacy with good medical connection; recently established, but weekly returns average over £20; rent, £52 inclusive; every investigation allowed.

(C20) DONCASTER.—Family and dispensing business with good N.H.I. connection; present turnover under lady proprietorship exceeds £1,000; inclusive rental, £34 per annum; purchase price, £500; personally investigated, and strongly recommended to beginner.

(C21) CHESHIRE.—Unopposed pharmacy with good N.H.I. connection; net profits, £250; living accommodation; reasonable purchase price.

All communications to be addressed to WALSALL.

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BUSINESSES FOR DISPOSAL.

BLACKPOOL.—High-class Pharmacy; main street; two minutes Promenade and centre; low rent; lock-up; neglected; suit smart unqualified or qualified; fixtures £120; stock £200, valuation; all at £380 for quick sale. Sidebottom, Chemist, Queen's Square, Blackpool.

CAMBS.—Old-established Business; turnover £1,750; net profits £560; fixtures and stock about £800; price £1,100; Wine and Spirit Licence attached, but not worked; good opening for Optics; property can be purchased; owner retiring; part purchase money could remain if necessary. "Rhei," c/o The British Drug Houses, Ltd., Graham Street, N.I.

CARMARTHENSIRE.—Old-established Pharmacy, with Optical connection, in small market town in agricultural district; very sound business, able to stand every investigation; all cash trade; excellent living accommodation, with bathroom and lavatory, and electric light throughout; large gardens, out-houses, including garage; low rent and rates, £70 (inclusive) per annum, approximately; long lease; price required, fixtures £250, stock at valuation £500, approximately. 144/11, Office of this Paper.

EAST LONDON.—Old-established Chemist's Business in main road position; turnover about £4,000 per annum; shop and upper part of five rooms and bath; warehouse at rear; lease 17 years; rent £180 per annum; reasonable price for goodwill, lease, and stock. Apply Hillier, Parker, May & Rowden, 27 Maddox Street, W.1.

EAST LONDON.—Branch Shop on main road, near Stratford; takings average £55 weekly, which could be considerably increased under personal supervision; good lease; price £1,100; Partnership would be entertained to smart man with about £600 capital. Write 145/56, Office of this Paper.

HAMPSHIRE (Near Sea).—Recently established Pharmacy for Disposal for private family reasons only; all cash trade; Kodak Agency; turnover £20 per week; moderate rent; very low rates; nice house, garden and garage; good opening for Optics; price £450 for the business; freehold may be purchased. 144/3, Office of this Paper.

HERTS.—Drug Store; double-fronted shop, with living accommodation; taking about £9 weekly; for quick sale will take £200 or near offer; qualified man could easily increase trade; quite genuine. Apply 145/26, Office of this Paper.

LANCASHIRE.—Old-established Business in pleasant working-class suburb, main road; scope for Optics and Photographic (untouched); good living accommodation; vendor will either sell property or let on lease; rent £40; rates £18 per annum; vendor buying larger business; price £300 for quick sale; part could remain on mortgage; further particulars on application. 145/9, Office of this Paper.

LIVERPOOL.—Monopoly site in new housing estate; well-fitted Pharmacy; trade about £1,500; rent and rates £140; wonderful scope for increase; £600; s.a.v. Reply Box W317, Lee & Nightingale, Liverpool.

LONDON, N.W.—High-class modern Pharmacy; excellent position in main road; returns about £120 monthly; could be very quickly doubled under a good qualified man who is used to high-class businesses; also scope for Optics; this is the finest-fitted drug store in the trade; well stocked; Kodak Agency; rent £135 per annum inclusive; long lease; price, all at, £900; thoroughly good investment. 145/35, Office of this Paper.

LONDON (Near).—Good-class Family Retail; old-established; Kodak Agency; returns £1,260; net profits £7 per week after paying all expenses; long lease; house let more than covers rent; price £1,200. 145/20, Office of this Paper.

LONDON, S.E.—Established Cash and N.H.I. Business, under management; busy main road thoroughfare; five-roomed house, let off; back entrance; returns last year £1,044; 16 years' lease; price £500, or valuation terms. 144/8, Office of this Paper.

LONDON, N.W.—Cash Drug Stores in main road; no opposition; returns about £70 monthly under female management; could be easily trebled under a qualified Chemist; also immense scope for Optics; double-fronted lock-up; fairly well fitted and amply stocked; rent 50s. per week inclusive; long lease; stock and fixtures, etc., at valuation and an agreed sum for goodwill. 143/550, Office of this Paper.

LONDON, W.—Drug and Herbal Stores; lock-up shop; busy main road; low rent; £100, all at, or near offer for a speedy sale owing to illness. 126 High Street (opposite Coronet), Notting Hill Gate, W.11.

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CHEMISTS' VALUER AND TRANSFER AGENT,

135 Queen Street, Newton Heath, MANCHESTER.

READING—Returns £1,128 p.a., low rent, lease, price £950.

DERBYSHIRE—Grocer-chemists, returns £4,000 p.a., price £1,000.

PRESTON—Returns £900 p.a., good house, price £520.

LIVERPOOL—Returns £1,700 p.a., house, lease, £850.

Others, LONDON, GLASGOW, Co. CORK. (Tel.: Failsworth 113.)

LONDON, S.W.—For immediate Disposal, private middle-class Chemist's Business, with good own Prescribing, N.H.I., Photography and Toilet sales; smart lock-up pharmacy, nicely fitted and fully stocked; excellent position, main road; very busy thoroughfare; business recently established; takings increasing weekly; present returns £18 weekly at good prices; every prospect of developing into a going concern; sound reason for disposal; price £400 all at; stock and fixtures alone worth £350; a genuine bargain. Apply, "Statim," 145/11, Office of this Paper.

LONDON, S.E.—Lock-up shop, in thickly populated area; rent £68; sub-let £75; stock £400; 13 years' lease, renewable; will accept £650 for quick sale. 145/25, Office of this Paper.

MANCHESTER.—Chemist Cash Retail Business; good working-class district; main road; Kodak, Ucal Agencies; N.H.I.; returns exceed £2,000, increasing; good profits; accounts audited; price £1,250; no offers; bank references. 142/31, Office of this Paper.

MANCHESTER.—Cash Dispensing, Photo and Surgical; middle-class district; returns average £2,500-£3,000, including £1,000 N.H.I.; excellent position, main road; established 25 years; living rooms over shop; rent £104; rates £58; splendid proposition; owner retiring; price £2,000 all at, or agreed sum goodwill, plus stock and fixtures at valuation; bankers' references required. 185/590, Office of this Paper.

MID WALES.—Recently established Business in good market town; sound business; capable of expansion; Optics; owner good reasons for disposal. 142/28, Office of this Paper.

NORTH LONDON.—Old-established; large corner shop and premises; Kodak, N.H.I. and Prescribing; net profit over £400; premises may be bought or lease granted; age sole cause of selling. 145/6, Office of this Paper.

SOUTH COAST (Main Street).—Good living accommodation; smart up-to-date fittings; clean stock; turnover £1,450 per annum; general all cash trade; 21 years' lease; Kodak Agency; low rent; splendid opportunity for lady or gentleman; fullest investigation; £400; stock at valuation or offer. 143/10, Office of this Paper.

SOUTH COAST (seaport town).—Chemist's Business, capable of great increase under personal supervision, now under management, at present taking £20 per week; valuable lease. low rent, including 8 living rooms, side entrance; stock and fixtures value approximately £800; price £1,000; large part might remain. Preston & Partners, Valuers, 29 Ludgate Hill, E.C.

SOUTH-EAST COAST.—Old-established Retail Business; present proprietor 26 years; valuable lease; net profits average over £800; price for business and lease £2,750, or near offer; owner anxious to retire shortly; genuine offer. "K. Y. Z.", c/o British Drug Houses, Ltd., Graham Street, City Road, N.1.

SOUTHEAST-ON-SEA.—Near front and new station now being built. £500 will buy genuine Business, suitable for owner-manager; takings about £1,600; should do better; Kodak Agency; National Health about 400 monthly; rent £104, plus rates, which includes flat over shop; stock and fittings at valuation; only genuine buyers need apply. P.C.B. 45/11, Office of this Paper.

SOUTHPORT.—Lock-up Shop; Family and Prescribing; Photo; rent low. 185/591, Office of this Paper.

SOUTH WALES.—Seaside Business and Freehold Property for Sale; good, sound proposition; first-class Pharmacy, excellent Optical practice, fine Agricultural connection, and no opposition; modern premises and excellent living accommodation; turnover £5,000 per annum; good profits; owner joining wholesale concern; bankers' references from genuine buyers. 185/584, Office of this Paper.

WILTS.—Country Retail, with Kodak and Ingersoll Agencies; good house and garden; garage; electric light; long lease; low rental; returns last year £1,042; well stocked; urgent need for N.H.I. and Dispensing; growing population and district developing; price £975. Apply 142/7, Office of this Paper.

YORKSHIRE CITY.—Drug Store; excellent position in main road; thickly populated district; lock-up shop; rent and rates £1 per week; good opening for N.H.I., also scope for Photographic trade; price £250. 142/24, Office of this Paper.

AN excellent old-established Chemists' Business for enterprising man; net profit about £8 per week; exceptionally low expenses; rooms, etc., let off; easily worked; scope further increase; Kodak Agency, N.H.I.; genuine reason disposal; London, N.W.; capital required about £770, or offer. 144/19, Office of this Paper.

CASH Retail and Dispensing Business; double-fronted lock-up shop; London, S.W.; main road; thickly populated district; returns £16 to £20 weekly; well stocked; suit lady or elderly qualified; bargain price for quick sale; £275 inclusive. 144/6, Office of this Paper.

EXCELLENT opening for Chemist in market town; premises situated in central position of main street. Apply Gladding, Son & Wing, 8-11 Pavilion Buildings, Brighton.

FAMILY Business (lock-up) for sale in cotton and woollen town near Manchester; owner going in solely for Optics; stock £350, fittings and fixtures £125; no goodwill wanted for quick sale; takings 1928 £1,270, 1929 £1,219, 1930, £1,294; net profit £300; accountant's figures. 144/4, Office of this Paper.

GOOD opportunity for Chemist; a small sum will secure stock and fittings; bargain. Full particulars, apply P.C.B. 46/2, Office of this Paper.

LOOK!—£350, all at, long established Business, main road, Stratford; lease 21 years; rent £63; returns £1,081; stock, valuation, £180 (approximately); must sell, wife in hospital. Another shop; £250, all at; no stock; lease 18 years; rent £50; no reasonable offer refused. "Chemist," c/o 19 St. Mark's Road, E.8.

NEGLECTED, beautifully fitted, modern double-fronted shop, main road; Post Office attached, covers rent and rates; pleasant district; continually developing; plenty of scope; present business £16 week, plus N.H.I., £10 month; sacrifice for quick sale, £425; offers; less than value of fittings and stock; bargain. James Woodman, 28 Inchmery Road, S.E.6.

OLD-ESTABLISHED Business in S.E. London, with living accommodation; long lease; moderate rent and rates; nicely fitted; in busy road and thickly populated district; qualified man could greatly increase turnover with N.H.I., Optics; no immediate opposition; price £350. 185/589, Office of this Paper.

OPPORTUNITY for a young pushing man to acquire old-established Business; proprietor retiring owing to ill-health; busy seaside town; good main road position; capital shop, dispensary, four rooms; rent £75, on lease; other accommodation if required; price, to include fixtures, fittings, etc., £300; stock at valuation. 141/40, Office of this Paper.

£100, stock at valuation (about £55), for quick sale; Drug Stores, with house attached; London suburb; unopposed position. Apply for particulars to 146/6, Office of this Paper.

£225 FOR QUICK SALE.—Sadly neglected Business, N.W.; working-class; averaging £12-£14; rent and rates 30s. weekly; fairly fitted shop and two rooms; Kodak and Ucal Agencies; surgery next door; stock about £125; personal interest and attention would show immediate improvement. To view write "Cardamons," c/o 18 Southfields, Watford Way, N.W.4.

APPOINTMENTS.

CITY OF STOKE-ON-TRENT.

PUBLIC ASSISTANCE COMMITTEE. PHARMACIST.

APPLICATIONS are invited for the appointment of a Pharmacist at the London Road Hospital, near Newcastle, Staffs. Candidates must be fully qualified Pharmacists, capable of carrying out the dispensing work at the Hospital without supervision, including the keeping of stocks. Salary after the rate of £218 8s. per annum.

Applications, stating age, experience and qualifications, to be delivered to the undersigned not later than first post on Thursday, the 21st May, 1931.

E. B. SHARPLEY,
Town Clerk.

Public Assistance Offices,
High Street,
Stoke-on-Trent.
4th May, 1931.

COUNTY COUNCIL OF MIDDLESEX.

Applications are invited as follows:—
AT THE NORTH MIDDLESEX HOSPITAL,
EDMONTON, N.18.

LADY Assistant Dispenser (non-resident), to commence duty on the 1st June. Salary £200 per annum, rising £5 annually to £225 per annum. Candidates for the appointment, which is a full-time one, must hold either a degree in Pharmacy granted by a recognised University or a Certificate of a Pharmaceutical Society. Applications, stating age and experience, and enclosing copies of recent testimonials, to be sent in writing to the Medical Superintendent at the above address. No interviews at present. Selected Candidates will be notified to attend for an interview later. (N/30)

All persons appointed in a permanent capacity will be required to undergo such medical examination as the Council may direct, and, subject to passing the same, to contribute towards the County Council's Superannuation Fund, unless subject to the Poor Law Officers' Superannuation Act, 1896.

By Order.

ERNEST S. W. HART,
Clerk of the County Council.

Guildhall;
Westminster, S.W.1.

PATENTS.

"AN Improved Plant for the Synthetic Manufacture of Hydrochloric Acid in Aqueous Solution." The owners of British Patent No. 189,723 are willing to enter into working arrangements for exploitation of the same in Great Britain. Particulars obtainable from Technical Records, Ltd., 59-60 Lincoln's Inn Fields, London, W.C.2.

AGENCIES.

ESTABLISHED houses desiring genuine conscientious service agent for North of England or Scotland are invited to send offers to well-experienced Agent; smart, live connection North; life experience pharmacy, sales, propaganda with well-known firms. 142/53, Office of this Paper.

QUALIFIED Proprietor of 6d. Specialities, enjoying good local sale, wishes Buying Agents for South of England; very profitable terms; exclusive territories for those able to make prompt payments. 186/594, Office of this Paper.

WHOLESALE Agents wanted in all districts United Kingdom and Ireland to market new Chemists' Proprietary on advantageous commission basis; only established wholesalers need apply. 186/593, Office of this Paper.

PARTNERSHIPS.

WANTED, urgently, Qualified Man with £100 for Partnership in business with exceptional opportunities for N.H.I. Write P.C.B. 45/21, Office of this Paper.

SITUATIONS OPEN.

RETAIL (HOME).

BIRMINGHAM.—Unqualified, keen Salesman for Drug Counter; smart appearance; experienced Dispenser; age about 25. General Assistant, specialising in high-class Camera and Photographic Sales, with knowledge of Wireless. Lady, fully experienced, to take charge Toilet Counter; must be smart, capable Saleswoman. Window-dresser, male or female, fully trained in display work. Apply, by letter, stating age, experience, salary required, Galloways, Chemists, Victoria Square.

BIRMINGHAM.—Qualified Manager for busy suburban business in residential district; must be good Counterman and able to make good displays; excellent opportunity for keen man; house attached. State age, salary, experience, and when free to 142/271, Office of this Paper.

BIRMINGHAM.—Manager (qualified) for modern industrial business in busy thoroughfare; good Salesman and Window-dresser, used to N.H.I.; good prospects; salary and commission. Give age, experience, salary, and when at liberty to 142/270, Office of this Paper.

COULSDON, SURREY.—Holiday relief, 5 weeks, July 27-August 29 inclusive; smart, unqualified Junior; easy hours; no Sunday duty; salary £5 per week. State age, height, references in first letter. Evans & Brown, Chemists.

COVENTRY.—Assistant; must be smart Counterman, experienced Dispenser, and trustworthy. Full particulars, salary required, references to H. Wetton, 27 White Street, Coventry.

HINCHLIFFE MILL INDUSTRIAL CO-OPERATIVE SOCIETY, LTD., 57 and 59 Huddersfield Road, Holmfirth.—Applications are invited for a fully qualified Chemist and Optician for new department about to be opened. Applications, stating age, experience, and wages required, to be received not later than Thursday morning's post, May 14, 1931, endorsed "Chemist."

LIVERPOOL.—Qualified Manager (male or female) for branch pharmacy. State age, experience, salary required, etc., to Box A518, Lee & Nightingale, Liverpool.

LONDON, S.W.—Stock-keeper wanted, with knowledge of Wet and Dry Chemicals, Drugs, etc.; hours 9 a.m. to 6 p.m. Write, stating age, experience, and salary required, to Box 363, Sells Advertising Offices, Fleet Street, E.C.4.

LONDON.—Assistant (lady or gentleman), not over 25, capable of doing D. & P. Apply, giving full details of experience; also stating age, height, and salary required, or personally by previous appointment, Marshalls Chemists, 78 High Street, Kingsland, E.8.

LONDON, E.10.—Qualified Lady wanted, May 25; N.H.I. and Counter; permanent; commencing salary 70s. per week; good prospects. Apply, stating age, experience, etc., 145/7, Office of this Paper.

MANCHESTER.—Smart, qualified Manager for business in growing suburb; keen Salesman and smart Window-dresser essential; salary and commission; house attached. State age, experience, salary required, and when free to 142/27, Office of this Paper.

VERTISER requires qualified Chemist to help in the management of good-class private business; permanency; and prospects for efficient man; state experience, salary required, and enclose photograph. Reply immediately to Lane, 10 Western Road, Hove, Brighton, Sussex.

SSISTANT (qualified) required to take charge old-established business; main thoroughfare seaside town; established 70 years; proprietor retiring through ill-health; no salary, share profits, option of purchase; exceptional opportunity. For interview apply 141/400, Office of this Paper.

MPROVER wanted in a good-class Family business. Apply, with photo and full particulars, salary, etc., to E. W. Tayler, Pharmaceutical Chemist, Sherborne, Dorset.

UNIOR for seaside branch required; must be quick at Counter, good knowledge Dispensing, Toilet and Photography. State sex, age, height, married or single, salary asked, previous experience, and when disengaged. Hinton Lake, 41 High Street, Exeter.

ADY Assistant; general experience. Full particulars to "Chemist," 14 Gaskell Road, Altrincham.

ADY Assistant, qualified, required, able to take charge, capable Dispenser, accustomed to Photography and general counter trade. Reply, by letter, giving age, experience, and salary required. Comfortable and permanent berth for suitable applicant. Secretary, 14 Grove Gardens, Grove Road, Chadwell Heath, Essex.

MANAGER, qualified, for branch shop in industrial area; good all-round experience, Window-dressing, Salesmanship, etc.; permanency for right man. State age, height, salary, copies references, and full details in first letter. Bates & Hunt, Chemists, Wellington, Salop.

UALIFIED, active Assistant, about 27 to 35; middle and working-class district; one disengaged. All particulars to H. Moss & Son, Chemists, Little Sutton, Wirral, Cheshire.

UALIFIED lady for small business; N.H.I. and Counter; able to take charge occasionally; Potteries. Full particulars as to experience and salary required. 142/39, Office of this Paper.

UALIFIED Assistant required, with Optical experience or Certificate; young. Write, stating age, salary, experience, references, etc., to Slater & Son, Market Place, Loftus, Yorks.

UALIFIED Assistant (male or female) wanted immediately until October; knowledge of Photography and accustomed busy trade. Apply, stating experience, salary, etc., S. C. Pope, 201 Waterloo Road, Blackpool.

UALIFIED lady as temporary Assistant, May 18 to June 20; some Hospital experience required. Apply, The Secretary, East Suffolk and Ipswich Hospital, Ipswich. Applications not answered within 10 days declined with thanks.

UALIFIED Assistant for new, up-to-date Pharmacy in Channel Islands; must have first-class experience Window-dressing and Dispensing; under 35, good personality and reliable. Write, enclosing references, and photograph, 143/19, Office of this Paper.

WANTED, experienced, qualified Assistant; one used to N.H.I. Dispensing; good Window-dresser and good Counter Preparer; one capable of managing branch shop. Apply, with full particulars and references; good prospects for right man; single preferred. 186/595, Office of this Paper.

OUNG lady Assistant, unqualified, principally for Surgical and Toilet Department. Apply "A," 185/587, Office of this Paper.

OUNG Qualified Male Assistant, not over 30, required for high-class business (in residential part of Bucks). Apply, stating salary required and full particulars, to 144/1, Office of this Paper.

OUNG Qualified Locum wanted for four weeks, commencing July 6 and two weeks commencing October 5. Applications by letter, giving usual particulars, to be sent to the Secretary and General Manager, Morley Industrial Co-operative Society, Ltd., Albion Street, Morley, Yorks.

WHOLESALE.

ONDON.—Experienced Representative required. Please give necessary details, which will be treated in confidence, in a letter addressed to the Secretary, Shadforth Prescription Service, Ltd., 49 King William Street, London Bridge, E.C.4.

HEMIST, age about 35, for production and get-up, Proprietaries Department; permanency; would suit man from retail. Apply, stating salary and experience and when disengaged, Raybould, Whitehouse & Co., Ltd., Wholesale Druggists, Dudley. (Est. 1878.)

AST LONDON WHOLESALE.—Foreman to take charge of wet floor; must be well up in Tinctures, etc., Poisons, D.A. and packing of orders, home and export; control of staff and stock. Write, stating age, full details of experience, and salary required, 143/30, Office of this Paper.

FIRST-CLASS Representative required by Wholesale Manufacturing Drug firm to call upon Chemists; good experience the Wholesale Drug trade necessary. Applicant must state age, salary required, and full particulars. Apply 186/596, Office of this Paper.

NORTH LONDON.—Representative, young, good selling record, to take over present connection; commission basis. Full particulars of experience and age to Manager, Royal Court Manufacturing Co., 4 Chapel Court, S.E.1.

IMMEDIATELY.—Representatives required everywhere, calling on Chemists and Stores, for new line which is 100 per cent. British; no competition; unlimited field; commission 15 per cent. on all orders and repeats. Call or write, stating ground covered, past experience, and references. C. Brook & Co., Agents, 84 Avenue Chambers, Southampton Row, W.C.1.

LADY Travellers required for Ireland, London and the provinces, on commission, to carry high-class Beauty Preparations; must have good connection with best Retail firms and nice appearance. Robinson, 15 Old Bond Street (1st floor), Bath.

LEADING Shaving Brush Manufacturers require experienced Representatives, carrying other lines, calling on Retail Chemists, Hairdressers, Stores, etc., to carry their products; commission only. State ground covered and all particulars, 142/32, Office of this Paper.

LEADING Export House has opening for qualified or unqualified man to take control of staff, stock and packing of orders in Tincture Department of packing warehouse (near London); moderate salary to commence. Usual details of education and experience to 143/300, Office of this Paper.

REPRESENTATIVE required for London, live connection Chemists, Hairdressers and Stores, to sell new lines packed Toilet Goods and Sundries; own car. 142/21, Office of this Paper.

REPRESENTATIVES required to call on Chemists for L'Onglex Manicure Preparations; districts, London (South of Thames), East and South Coast Counties; bonus offer now on; national advertising starts June; commission 15 per cent. L'Onglex Laboratories, 12a Kenway Road, Earl's Court, London.

REPRESENTATIVES wanted by manufacturers of Nickel and Chromium Plated Goods, including Shaving Sets, to sell on commission. Apply, stating experience, areas worked, etc., to 185/588, Office of this Paper.

TO gentlemen having sound connection with Wholesale and Retail Chemists. The M.M.T.P. Co. are widening the scope of their activities (for their popular pack in carton) and offer a profitable proposition to commission Salesmen in centres where not already represented. Write for terms of this daily commodity, with unlimited prospects; give particulars, ground covered, lines carried. The Miss Muffet Toilet Paper Co., 1 Julian Road, West Bridgford, Nottingham.

WANTED, first-class Manipulator for Toilet Manufacturing Department, Yorkshire; good previous experience essential. Full particulars to 185/592, Office of this Paper.

(COLONIAL, INDIAN AND FOREIGN.)

EAST AFRICA.—Wanted, qualified Chemists' Assistant, single, age about 35; all-round experience, including Optical and Photographic; good health; abstainer preferred; 4 years' agreement, commencing £30, rising to £37 10s. monthly. Send photo, with details record, copies testimonials, Davis & Soper, Ltd., 54 St. Mary Axe, London, E.C.3.

WANTED, Representatives in tropical countries to handle a Preparation for Eye Affections. Write, stating terms, to G. Cassar, Chemist, 56 Rue Anastassi, Alexandria, Egypt.

SITUATIONS WANTED.

RETAIL (HOME).

A.A.A.A.—CAPABLE young man, qualified, 26, desires responsibility; competent Dispenser, Counterman, Window-dresser, Toilets. Photographics; excellent references. "Pharmacist," 27 Warwick Road, S.W.5.

A.A.A.—ASSISTANT: 32; competent; trustworthy; 17 years' all-round experience; last 10 West End; excellent references; disengaged; London. "Cyanide," 3 Stacey Street, W.C.2.

A.A.A.—QUALIFIED; 35; free; married; experienced all branches; references; manager 9 years; tactful and courteous Salesman; specialties, Displays and Photographic. Griffiths, 12 Old Road West, Gravesend.

A.—QUALIFIED, 29, Manager, seeks change; well recommended; 13 years' London and provincial experience; energetic, competent and methodical; well versed in Photography, Display, Counter and Dispensing; moderate salary. "Chemist," "Cranleigh," 58 Oakfield Road, Stroud Green, London, N.4.

A.—QUALIFIED; 26; 8 years' Harrogate experience; manager over 3 years; excellent references; Leeds district preferred; good Locum offers entertained; free May 18. Richmond, 92 Louis Street, Leeds.

A CAPABLE, unqualified Assistant; 25; tall; excellent experience. Counter, Dispensing, Window-dressing, and high-class Photo; Midlands preferred. 142/26, Office of this Paper.

A CAPABLE, unqualified Chemist and Optician, 34, tall, recently returned from abroad, desires position in busy modern pharmacy; accept small salary to commence with; excellent experience Dispensing, Photography, Counter, Prescribing. Douglas, "Ingleside," Bullsmoor Lane, Waltham Cross, London, N.

A CHEMIST recommends his qualified Assistant of high integrity; age 26. Lambert, 94 Walpole Road, N.17.

A YOUNG, qualified man desires post, Manager or Assistant; capable and reliable; first-class references; temporary or permanency; Eastern Counties preferred. Maidens, Market Place, Halesworth, Suffolk.

A YOUNG, Qualified Gentleman (24) desires post mid-June; East Midlands or North preferred; excellent experience and references. Details, salary, prospects, etc., 144/34, Office of this Paper.

A CTIVE; unqualified; middle-aged; disengaged May, June, last week July, after August 29. Fletcher, 91 Duncombe Road, Holloway, N.19.

A N unqualified Assistant; smart Salesman, competent Dispenser, good Window-dresser; Photographic knowledge; moderate salary. Green, 179 Chamberlayne Road, N.W.10.

A N opportunity occurs to acquire the services of an up-to-date Pharmacist with progressive ideas; expert Window-dresser, tactful Salesman, experienced and reliable Dispenser; excellent testimonials. Neal, 24 Vincent Street, Walsall.

A S General Assistant (lady); Counter and Toilet; experienced. "F. W.," 53 Chichester Road, Kilburn, N.W.6.

A S Locum for qualified man, aged 32, commencing July 6 for two weeks; Clacton, Broadstairs, Grimsby or seaside near London. Apply Houseman, 65 New North Road, London, N.1.

A S Assistant or Locum; used to management; experienced in town and country businesses; good references; abstainer; exceptional knowledge of Surgical Salesmanship, Fitting, Designing, etc.; disengaged. "H.," 142 Hill Lane, Southampton.

A SSISTANT; unqualified; excellent experience, Counter, Dispensing, Photographic; trained by Regent Street expert; could take charge; West Country preferred. 143/4, Office of this Paper.

A SSISTANT (Part I), Junior, reliable Dispenser, smart Salesman, Window-dresser, Photographic knowledge, desires situation; excellent references; Manchester area preferred. 142/5, Office of this Paper.

A SSISTANT; experienced Dispenser and Counterman; Photography; single; active; middle-aged; unqualified. "Statim," 23 Moss Street, Newsome Road, Huddersfield.

A SSISTANT; unqualified; 38; reliable; Locum or permanency; disengaged. "Bicarbonate," 28 Cross Flatts Avenue, Dewsbury Road, Leeds.

A SSISTANT, unqualified, 35, married, seeks permanency; used to heavy N.H.I., Window-dressing. D. & P. Wines and Spirits, also had 6½ years in the Wholesale. Dodd, 33 Harris Road, Coventry.

A SSISTANT; unqualified; 22; tall; trustworthy; West-End experience; reliable Dispenser, smart Salesman, good Window-dresser; Photographic knowledge; disengaged. "C.," 44 Turneville Road, Kensington, W.14.

A SSISTANT; tall; unqualified; 30 years' experience, Dispensing, Counter, Photography; disengaged. Harris, 24 Link Road, Edgbaston, Birmingham.

A SSISTANT, unqualified, 21, desires situation, Locum, season or permanent; disengaged; good references. Squire, 15 Palmerston Road, Cadroxton, Barry.

A SSISTANT or Locum; good experience; excellent references; disengaged until July 29. "S. S.," 135 High Road, Lee, S.E.13.

A SSISTANT, 23 (Part I, referred Physics); Dispensing, Window-dressing, Counter, Photography; has been left in charge. Linnington, 88 Loftus Road, W.12.

A SSISTANT (Part I, Westminster College); 22; excellent knowledge of Pharmacy, Prescribing, Photography; London or suburbs preferred; free. Bishop, 12 Dawnay Road, S.W.18.

A SSISTANT (Junior) desires change; tall; good appearance; reliable Counterman, Dispenser, Window-dresser; Photographic (D. & P.); season or permanency. 143/31, Office of this Paper.

A SSISTANT; unqualified; disengaged; age 36; 12 years' London Store Retail experience. Windsor, 33 Dupont Road, S.W.20.

A T LIBERTY.—Assistant; age 21; Part I, 1931; fully competent all branches; highest references; Photographic; until October. Shaw, 28 Park Street, Grimsby.

B LACKPOOL OR LANCASHIRE COAST RESORT.—Irish Ph.C., 24, 7 years' experience, offers services for season as qualified or unqualified Assistant; reciprocity does not permit taking charge; Dispensing and Counter; sound knowledge Photography and Cosmetics; Fairchild Prizeman; excellent references; start any time on reasonable notice. "Belfast," 146/7, Office of this Paper.

B RANCH Manager, qualified, 35, seeks responsible, permanent position; ten years' managerial experience in good-class pharmacies; fully experienced in all branches; well recommended. 144/20, Office of this Paper.

C HEMIST-OPTICIAN, M.P.S., F.S.M.C., F.B.O.A., 28, desires change; managerial; permanency; City and West-End experience; accustomed organising and large staff control; correspond in confidence. 143/24, Office of this Paper.

D ISPENSER-BOOK-KEEPER, woman, 7 years' experience, Hospital and Private Practice, desires post with Doctor; South of England. P.C.B. 44/35, Office of this Paper.

E LDERLY, qualified, desires part-time employment; country town near London preferred. Baker, 81 Elgar Road, Reading.

E XPERT on all matters D. & P. open for engagement; 14 years' experience, Photography and Photographic sales; pharmacy trained; able to take charge. Parkins, Woodland Grove, Mansfield Woodhouse, Notts.

E XPERIENCED Saleswoman; Drugs, Toilet and Perfumery; disengaged. "Advertiser," c/o Mrs. Plicque, 12 Hill Crest Road, Acton Hill, W.3.

F REE June 1; as Manager or Assistant in high-class business; age 27; qualified January 1926; time since spent in West End and France (two years). 145/23, Office of this Paper.

F ULLY QUALIFIED DISPENSER.—Lady, who has been out of practice for some few years, would give her services for a few months without remuneration so as to brush up her professional knowledge, to a Doctor or Chemist, preferably in North London district. "H.," c/o Catherall's Advertising Agency, 9 Queen Victoria Street, E.C.4.

H AVE A CARE-FREE HOLIDAY THIS YEAR!—Pharmacist, tall, tactful, super Salesman, 8 years Manager, will accept fortnightly Locums in June, July or August; coast or country preferred; distance no object; residing London. State terms, etc., to "Satisfaction," 142/18, Office of this Paper.

J UNIOR (Part I), 21, desires situation anywhere till College in September; keen and efficient Counter-hand, Dispenser and Window-dresser; excellent references; disengaged. "S. M.," Stanley House, Coundon, Co. Durham.

L ADY, qualified, 6 years' experience in Retail in all branches, 3 years as manager, seeks post in London or South of England as Manager or First Assistant in large pharmacy. 141/32, Office of this Paper.

L ADY Dispenser (Hall) desires post in South of England; permanent or temporary; 6 years' experience in Dispensing and Counter; now disengaged. "E.," Lloyds Bank House, Chard, Somerset.

L ADY, 24, unqualified Assistant, good Dispensing and Counter experience, requires position in London. "M.," 238 Ladbrooke Grove, W.10.

L ADY M.P.S. requires Locum; part or whole-time position; excellent experience and testimonials. "Pharmacist," 140 Belsize Road, N.W.6.

L ADY (Hall) requires Locum or permanency; seven years' high-class Dispensing, Retail and Window-dressing; Pharmacy trained; London preferred. "Neuland," 20 Denbigh Road, Pembroke Crescent, Bayswater, W.11.

L OCUM; vacant May 20 to June 13, July 12 to 31. "Locum," Carne, Chemist, 165 Brecknock Road, N.19.

L OCUM.—Dates vacant, June 15 to 30, July 6 to 19; town or country. "Chemicus," 56 Rudloe Road, Balham, S.W.12.

L OCUM or permanent; unqualified; town or country; 25 years' good all-round experience. "Chemicus," 69 Upper Richmond Road, Putney.

L OCUM, relief, Manager; "not registered"; 20 years' experience; Dispensing, Stock, Counter, Salesman, Prescriber. "G.," 130 Scott-Ellis Gardens, N.W.8.

L OCUM; middle-aged; active; reliable; at liberty (sold own business). "Pharmacist," 9 Saltcoats Road, Bedford Park, W.4.

L OCUM, Part-time, Relief, 50 years' varied experience, now booking dates; moderate. "Chemicus," 55 Clarence Street, Gt. Clowes Street, Manchester.

L OCUM; qualified; 48; West-End and provincial experience; references good; May 22. "S.," York House, College Road, Maidenhead.

L OCUM; qualified lady; Retail or Hospital; thoroughly competent and trustworthy; free until June 14 and after August 15; London only. "S.," 510 Harrow Road, W.9.

L OCUM or permanency; qualified; middle-aged; all-round experience; disengaged. McGregor, 32 Seven Sisters Road, N.7.

L OCUM, qualified, 25, with first-class provincial, coast and West-End experience, desires 3 months' appointment, July-October; live in if required. "Pharmacist," 78 Portland Road, Nottingham.

L OCUM or relief; unqualified; long or short periods; London, Surrey or Kent; thoroughly experienced; good references; middle-aged. 145/17, Office of this Paper.

OCUM; qualified; free from June 1. "Hove," 144/35, Office of this Paper.

OCUM.—Vacant dates, May 11-June 6, June 15-27, August 3-29. "Pharmacist," 70 Lee Road, Blackheath, E.3.

MANAGER or Locum; 38; qualified; first-class experience, Pharmacy and Photography; excellent references; disengaged. 145/10, Office of this Paper.

MANAGER; Locum; Major; disengaged; long experience; active; Dispensing, Photography. "A," 35 Westmoreland Street, Lower Bristol Road, Bath.

MEDICAL Student, 23, would like to Dispense, etc., evenings 6-8; post with Doctor preferred. L. Lurie, London Hospital, E.1.

I.P.S., age 33, height 5 ft. 6 in., married, qualified 8 years, present management 5 years, active, lady, trustworthy, seeks good progressive permanency. B. M., 220 Camberwell New Road, S.E.5.

I.P.S., own business 30 years, seeks position; Retail or Wholesale; all-round experience. 145/2, Office of this Paper.

PHARMACIST requires position of responsibility, where executive and administrative ability, with business initiative, can be fully employed; complete Retailing experience and accustomed to large business. 143/1, Office of this Paper.

EASON.—Yorkshire coast preferred, not essential; Public School education; smart appearance; age 21; passed Part I; knowledge Optics; good Window-dresser, Counter, Dispensing. Stockwell Park Crescent, S.W.9.

QUALIFIED Manager, Welsh, married, aged 32, desires change; English and foreign experience; Optics, Photography, now with multiple firm. 142/29, Office of this Paper.

QUALIFIED Manager, 38, single, disengaged, desires post; good all-round London and country experience. "M.P.S.," Grangehill Road, Eltham, S.E.9.

QUALIFIED requires position as Manager; previous experience; London or East Anglia preferred. Stephenson, 6 Bowers Road, Dorchester, Dorset.

QUALIFIED, male, age 25, height 5 ft. 11 in., good appearance, seeks change; 8 years' sound Retail experience, years West End; Dispensing, Counter, Photographic; excellent character; available one month; London preferred. Bealby, c/o Gordon & Co., 78 Duke Street, Grosvenor Square, W.1.

QUALIFIED, young, desires situation; Manager, Senior or Locum; good knowledge Optics; disengaged. "Statim," Singleton Road, Broughton Park, Manchester.

QUALIFIED (lady) requires post, high-class Pharmacy, Hospital or Doctor; moderate salary. "M.P.S.," 29 Meadow Road, Pinner, Middlesex.

QUALIFIED; 35; fully experienced Manager; open for Locum or permanency; town or country. Apply, Cat, Chelsham Road, S.W.4.

QUALIFIED Chemist, aged 24, tall, smart appearance, 7 years' first-class experience, good Dispenser, seeks management; Locum or permanent; Midlands preferred; excellent references; free June 1. Write 145/56, Office of this Paper.

UNQUALIFIED; Dispensing and Counter; good experience and references; age 22 years; tall. M. A. Brown, "St. Es," High Street, Wivenhoe, Essex.

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